

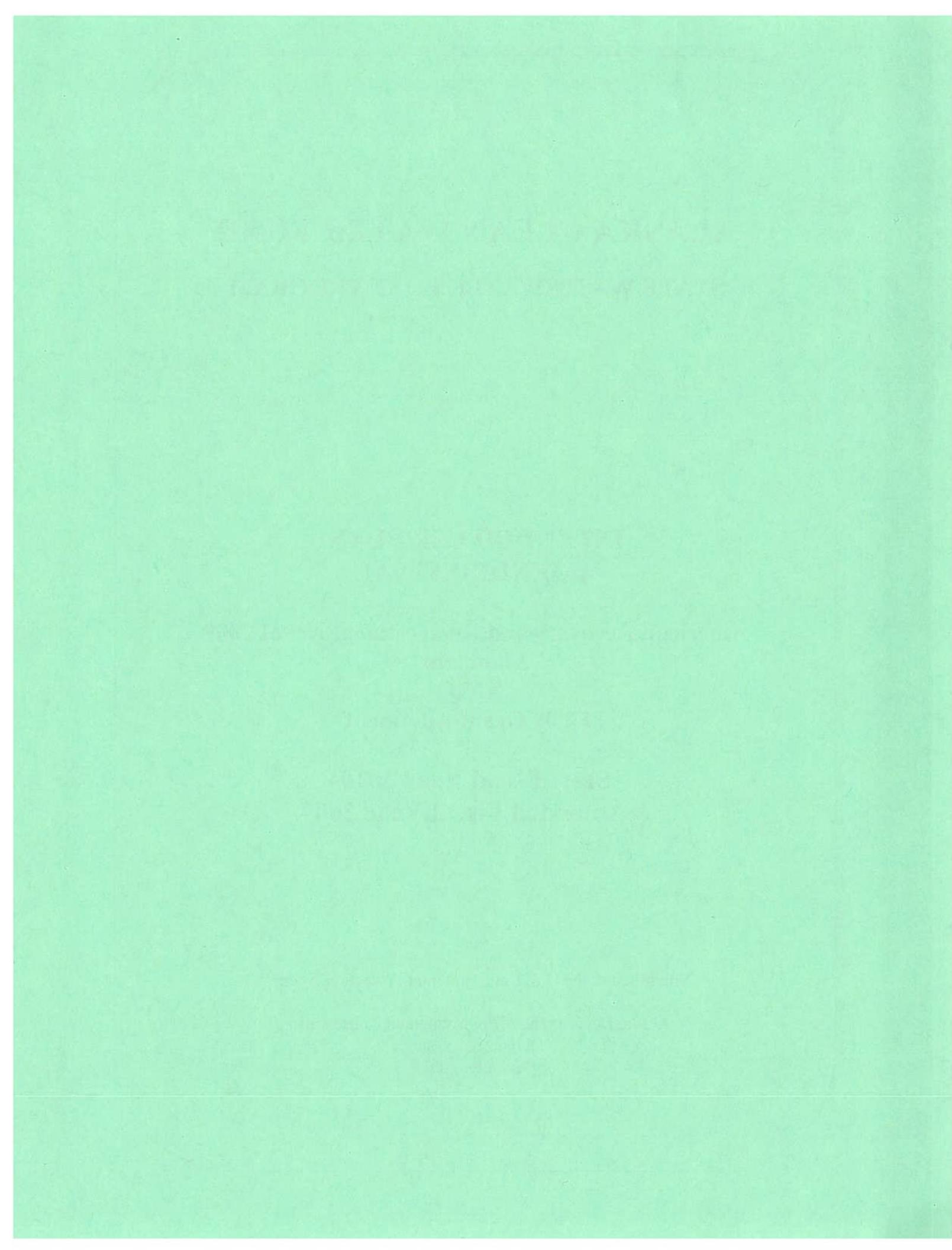
**ALASKA CLEAN WATER FUND
STATE WASTEWATER LOAN PROGRAM**

**INTENDED USE PLAN
AMENDED FINAL**

**American Recovery and Reinvestment Act of 2009
Allotment
AND
FFY09 Grant Allotment**

**State Fiscal Year 2010
&Amended Fiscal Year 2009**

Submitted to the U.S. Environmental Protection Agency
By
Alaska Department of Environmental Conservation
Division of Water
December 2009



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ALASKA CLEAN WATER FUND

State Wastewater Loan Program

Intended Use Plan

AMENDED - December, 2009

INTRODUCTION

This year's Intended Use Plan (IUP) accompanies the State of Alaska's application for a \$23,455,000 capitalization grant for the Clean Water State Revolving Fund (CWSRF) program under the American Recovery and Reinvestment Act (ARRA) of 2009, an application for a federal FY09 capitalization grant for an amount of \$4,013,800, and an amendment of the SFY09 Intended Use Plan.

Unique to this year's IUP format, is that the IUP is divided into three parts. Part I will include program information specific to the ARRA capitalization grant, Part II will include program information specific to the FFY09 federal capitalization grant, and Part III will include an integrated project listing and appendices for both grants.

In addition, the draft March 2009 Intended Use Plan document was amended and public noticed again on June 9, 2009. This amendment was primarily done to include updated 4% administrative set-aside usage, planning use clarifications, and project priority listing updates under Part I of the IUP.

PROGRAM OVERVIEW

The purpose of the Alaska Clean Water Fund (ACWF) is to make low interest loans available to Alaskan municipalities and other qualified entities for financing wastewater and water quality related projects.

Loans can finance up to 100 percent of a project's eligible costs for planning, design and construction of publicly owned facilities. In addition, loans can serve as local match for the Alaska Department of Environmental Conservation (ADEC) Municipal Water, Sewer and Solid Waste Matching Grants Program or most other federal or state funding sources.

A range of projects and associated costs are eligible for funding under the ADEC loan programs, as described in Title 18, Chapter 76 of the Alaska Administrative Code.

Examples of Improvements Fundable Under ACWF

- Wastewater Treatment Facilities
- Nonpoint Source Prevention and Restoration Projects
- Sewer Interceptor and Collection Systems
- Enhancement Projects
- Storm Water Collection and Treatment

The ADEC Municipal Grants and Loans Section (MG&L), in the Division of Water, is responsible for administering this loan program. The loan program is regulated by the code mentioned above and is audited under the State of Alaska's Single Audit Act. An independent audit of the program is also conducted each year.

The purpose of this Intended Use Plan (IUP) is to describe how ADEC plans to spend the monies of the ACWF and how the expenditures meet the goals of the overall program.

American Recovery and Reinvestment Act of 2009 Allotment

PART I

Program Goals

ADEC is guided by the following goals for ARRA grant funding:

- ADEC is committed to using the ARRA capitalization grant to provide assistance to wastewater, nonpoint source and estuary projects which will proceed quickly to construction, furthering the water quality objectives of the Clean Water Act. ADEC's goal is to enter into binding commitments for projects, which will proceed to construction or award of construction contracts by January 18, 2010.
- The goal of the ARRA is to expeditiously fund eligible projects that will simultaneously create jobs, promote economic recovery, and generate long-term benefits from infrastructure investment. In this grant, the State is being called upon to accomplish goals that may not previously have been priorities in its base SRF program. Some priorities and activities in the State's base program that may not practically be attainable within the timeframes associated with the ARRA will be pursued using funds made available through the base CWSRF program.

Loan Fund Process

Funding Sources (as of May, 2009)

ADEC is applying for a capitalization grant in the amount of \$23,455,000 which represents the State's allocation from the supplemental appropriation enacted under the ARRA. An amount of \$22,516,800 million will be used to fund projects listed on the ACWF Group 1 and Group 2 – ARRA Eligible Project Priority Lists for Point Source projects (Appendix Ib) and NonPoint Source projects (Appendix Ie).

Table 1 summarizes the sources and uses of the capitalization grant for which the State is applying:

Table 1

Sources and Uses of Capitalization Grant

<u>SOURCES</u>	<u>AMOUNT</u>
Capitalization Grant	\$23,455,000
<u>USES</u>	
Project Assistance Loans	
Program loans	\$1,755,400
Green Project Reserve loans	\$0
Project Assistance Subsidization	
Program loans	\$15,800,400
Green Project Reserve loans	\$ 4,961,000
Administration (4 percent)	\$938,200
TOTAL USES	\$23,455,000

Selection of Projects

1. Identification of Priority Projects

A mailing was done December 31, 2008 informing all interested recipients that the questionnaire was available on-line. Eligible recipients were invited to complete and submit their questionnaires electronically. Information and details of the stimulus funding were included in this initial notification. The state has focused on reaching out to communities with ready to go projects and those that may be eligible for principal forgiveness subsidy assistance. As a result of this effort the CWSRF program has identified over \$37,000,000 million in eligible projects that could be ready to proceed to construction within the time deadlines established by the ARRA.

Using information from the questionnaires, several groups within ADEC worked together to evaluate the projects. Appendix IIa and IIb document the criteria used to assess the projects. Those criteria addressed these topics:

Point Source Priority Criteria Summary

- Public Health
- Water Quality
- Receiving Water Usage
- Project Continuity
- Readiness to Proceed
- Ability to Repay

NonPoint Source Priority Criteria Summary

- Prevention
- Restoration
- Stewardship
- Project Continuity
- Funding Coordination

These assessments integrate the various water quality demands and needs of the State, assigning the highest priority to those projects that addressed the greatest public health and/or water quality threats.

After all projects were evaluated, they were ranked according to their scores. Appendix III contains a detailed listing of ACWF project descriptions and scores. Using the project scores from the list, priority lists were prepared which included those projects with the highest rank, limited by the amount of funding expected to be available. With this year's ARRA funding provision requirements, two priority lists were made: Group 1 eligible priority projects ready to proceed prior to June 17, 2009, and Group 2 priority eligible projects after this date but not later than January 18, 2010, or eleven (11) months after the enactment of ARRA in which all funds must be committed and a project construction contract must be in place.* Also, while the Department intends to fund as many projects as possible, direct ARRA funding will be capped at a cumulative total (principle forgiveness and financed amount**) of \$2,500,000 (or \$5,000,000 for projects combining utility systems) for all projects a community has listed on an ARRA grant priority funding list. Any additional funding of a project that exceeds this cap will be funded with regular program funds provided under Part II of this IUP.

If after January 18, 2010 all ARRA funds are not committed to a new project, all remaining unobligated funds will be allowed to be committed as an increase to any already funded project. This action allows a commitment to be made to a project for a community/system that has already met their maximum principle forgiveness subsidy.

* Note, under the ARRA Act, the absolute final deadline for projects to have a commitment made and have a construction contract in place is February 17, 2010. However, the Department is requiring a deadline 30 days prior to this date to ensure all funds are committed by this final date.

**Note, projects with eligible green infrastructure components may receive a subsidy with principle forgiveness up to \$2,500,000.

This year approximately \$4,503,400 million is earmarked for ARRA eligible projects that address nonpoint source water pollution. Out of all proposals received, 9 proposals were found potentially eligible for receiving ARRA funding. These nonpoint source projects total over \$10 Million of which approximately \$4,500,000 would come from ARRA funds and the remaining balance from Part II IUP funds. Subtracting the amount of ARRA funds allocated (\$4,503,400) to nonpoint source projects from the total available amount of \$22,516,800; this leaves \$18,013,400 to fund point source projects. Based on this funding amount for point source projects, the Department intends to fund down the Group 2 Point Source priority list to the Sitka – Brady Street Sewer Rehabilitation project.

2. Public Review and Comments

As a program requirement for providing public review and comment (CWA Sec. 606(c)), the Department posted this Intended Use Plan at the Department's Public Notice web site at http://www.dec.state.ak.us/public_notices.htm beginning on April 13, 2009. The Department also provided notice of the availability of this IUP by an announcement in a newspaper with circulation throughout the State, and all organizations and individuals on its distribution list by mail and email, with a request that all comments be submitted by May 13, 2009. All comments received by this date may be referenced under Appendix V.

A second public notice of an amended draft Intended Use Plan was put on the Department's web site http://www.dec.state.ak.us/public_notices.htm beginning on June 9, 2009, and additionally notice of the document's availability by an announcement in a newspaper with circulation throughout the State, and all organizations and individuals on its distribution list by mail and email, with a request that all comments be submitted by June 18, 2009.

A third public notice of this amended draft Intended Use Plan was put on the Department's web site http://www.dec.state.ak.us/public_notices.htm beginning on December 15, 2009, and additionally notice of the document's availability by an announcement in a newspaper with circulation throughout the State, and all organizations and individuals on its distribution list by mail and email, with a request that all comments be submitted by December 24, 2009.

Distribution of Funding

1. Projects to be Funded

Following consideration of all public comments received, ADEC will evaluate the project ranking and prepare a list of projects. Project descriptions for all projects are presented in Appendix III.

As previously described, under this year's ARRA funding provision requirements, two specific priority lists were made for eligible projects ready to proceed prior to June 17, 2009 (Group 1), and after this date but not later than January 18, 2010 (Group 2); projects on both these lists include a partial loan subsidy as principle forgiveness.* In addition, ARRA eligible projects are also listed in a Group 3 priority and planning list (Appendix Ic), but are not eligible for any loan subsidy. Group 3 projects are not expected to utilize ARRA funding, unless these funds are not fully committed near the end of the one year enactment of ARRA. The State may ask eligible Group 3 communities to utilize these funds to avoid loss of grant funding.

2. Project Information

Appendices IVa and IVb contain estimated dates for binding loan commitments, construction starts and the initiation of operation for projects anticipated to be funded by this IUP and associated loan amounts.

* Note, projects with eligible green infrastructure components may receive a subsidy with principle forgiveness up to \$2,500,000.

3. Disbursements

The estimated disbursement schedule for Point Source loan projects is presented in Appendix VIa. The estimated disbursement schedule for NonPoint Source loan projects is presented in Appendix VIb. These schedules are based upon target dates for binding commitments, beginning construction and initiating operations contained in Appendices IVa and IVb.

4. ARRA Payments

Alaska's proposed payment schedule for the ARRA grant allotment is shown below. This schedule was developed based on projected needs for project construction and execution of loan agreements

Proposed Federal Payment Schedule ARRA 09 Grant

FFY 09	FFY 09	FFY 10	FFY 10
3rd Quarter \$ 4,691,000	4 th Quarter \$ 9,382,000	1 st Quarter \$ 5,863,750	2 nd Quarter \$ 3,518,250

5. Bypass of Projects

The federal government provides funding for the ACWF. As one of the conditions of state acceptance of the federal funds, we must agree to execute loan agreements within a certain time. Failure to execute these agreements in a timely manner will cause the state to lose some of the funding. If the ACWF would potentially lose federal monies due to an inability to enter into a timely commitment, funding will be made available for the next project on the list which is ready to proceed.

Projects in receipt of funds provided under ARRA will receive an accelerated bypass if ready to proceed prior to time limits placed on each priority listing in accordance with the federal Act. For Group 1 projects, they must have a complete loan application submitted to the Department no less than 30 days prior to June 17, 2009, or by May 18, 2009. After this date, Group 2 priority listed projects will be allowed to by-pass any Group 1 project to receive a binding commitment. If after three months of publication of the final IUP, and all ARRA grant funds have not been committed to Group 2 priority listed projects, any listed Group 2 priority planning project ready to proceed (in preference of ranking) will be allowed to receive a binding commitment. Note, any Group 2 priority planning project ready to proceed may request a formal by-pass if desired by the community/system prior to the three month wait for an open list. This action will require a written request to the Department for this need, and if found justified, it will require the Department to obtain written non-objections from a sufficient enough number of higher scored projects to allow the requester to have funding prior to their own project being by-passed. If after four months of publication of the final IUP, and all ARRA grant funds have not been committed to either Group 1 or Group 2 listed projects, any Group 3 project ready to proceed (in preference of ranking) will be allowed to by-pass both these groups to receive a binding commitment. These by-passes will be done to allow expeditious use of ARRA funds, and to commit all funds within one year of enactment of the Act.

If any projects are equal in scoring, the following sequence will be used to differentiate between them:

1. If a project requires an earlier construction date, as a result of a compliance agreement or other legal order from EPA or DEC, that project will be placed ahead of the others.
2. A project with an earlier anticipated date for submitting a completed application will be moved forward.
3. If a project is already under construction and the environmental review has been completed, that project will be moved ahead.
4. If the projects are from the same city, the city may request that one be placed ahead of the other.
5. The individual scores from each criteria category will be compared until a difference is found. The project with the highest score in the individual category will be placed first.

6. Fund Transfer

No transfer is planned between ACWF and ADWF with ARRA funds.

ADDITIONAL LOAN FUND POLICIES

1. Title II Equivalency Compliance

The Clean Water Act and subsequent EPA regulations instituted the Clean Water State Revolving Fund loan program with numerous federal laws and authorities (Appendix VII). ADEC requires compliance with these federal laws and authorities on selected ACWF loan projects.

2. Environmental Review

All projects receiving ACWF financial assistance will be subject to the EPA approved Environmental Review Procedures of the ACWF.

3. Reporting

The Department will provide data or information to EPA as may be needed for national reports, public inquiries, or Congressional inquiries. DEC will continue to meet the federal Environmental Results Initiative reporting requirements by inputting environmental summaries, referred to as “one-pagers” on ACWF projects, on an on-going basis.. A summary of all “one-pager” will be presented in the ACWF annual report.

4. Additional Subsidization – Disadvantage Community Assistance

ARRA requires that a minimal of 50% of assistance provided be in the form of additional subsidies. The Department, under the authority of Governor (Letter of Acceptance, dated March 31, 2009), has authority to offer principal forgiveness in an amount up to 100% of the value of a loan made by the State’s CWSRF Program. Under this authority, the Department has chosen to give loan subsidies under ARRA as Disadvantage Community Assistance.

Disadvantage communities are provided a subsidy as part of their project assistance to help alleviate economic hardships for constructing a capital project. A community is considered disadvantaged if it's:

- MHI (Median Household Income) is less than the state average MHI that is currently published by the Alaska Department of Commerce, Community and Economic Development or by the U.S Census Bureau, whichever is greater. For non-publically owned water systems, the MHI is based on the community in which the system resides.

OR,

- Rate of unemployment is above the state average unemployment rate that is currently published by the Alaska Department of Commerce, Community and Economic Development or by the U.S Census Bureau, whichever is greater. For non-publically owned water systems, the rate of unemployment is based on the community in which the system resides.

For a community to qualify for disadvantage assistance, they need to meet one of the above criteria. The following chart shows the percent of principle forgiveness versus financed amount for a given project type. Please note, the balance of the amount financed will be offered at standard loan terms of the ACWF program.

Project Type	Principle Forgiveness	Financed
Point & Nonpoint Source	90%	10%
“Green” Point & Nonpoint Source*	100%	0%

*This can also include a component of an ARRA eligible project.

Since available funds under the ARRA capitalization grant are not sufficient to fund all eligible subsidized projects, the Department is setting a maximum cap of \$2,000,000 for the total cumulative amount of subsidy (principle forgiveness) a community receives under these funds. This cap may apply to one or to a multiple number of projects a community has listed under Groups 1 or 2, and the cap may be portioned among these multiple projects as the community chooses. In addition, if any project will result in the combining two or more individual utility systems, a raised maximum cap of \$4,000,000 will be allowed. Note, projects with eligible green infrastructure components may receive a subsidy with principle forgiveness up to \$2,500,000 ,or up to \$5,000,000 for the combining of two or more individual utility systems.

If a community meets their maximum cap on one or more of higher ranking project(s), and has additional projects listed in either Group 1 or 2, those projects will be funded with funds under Part II of the IUP with no subsidy. Also, those affected projects will be funded within the ranking of projects listed in Group 3. However, as referenced at the bottom of page 5, if all funds are not committed by January 18, 2010, any Group 1 or 2 project that has a signed funding agreement and signed contract in place may receive an increase even though the community/system has reached their maximum allowable principle forgiveness subsidy.

Additionally, the Group 1 and Group 2 priority lists for both Point and Nonpoint Source projects (Appendices Ib & Ie) demonstrates that at least 50% of the available funding for projects will be provided via principal forgiveness. Any subsequent revision to this Fundable Project Priority list will likewise demonstrate that at least 50% of the available funding for projects will be provided via principal forgiveness.

5. Green Infrastructure

Under the total ARRA grant amount awarded to the State, and to the extent there are sufficient eligible project applications, not less than 20% of the funds provided for projects be used for water efficiency, energy efficiency, green infrastructure, or other environmentally innovative activities. The aggregate amount of project lists (See Lists in Appendix Ib & Ie) shows that 20% of the total assistance amount of \$23,455,000 is for projects or portions of projects meeting one or more of the specific objectives required by this provision.

A total of 11 projects listed on the Fundable Project Priority lists Groups 1 and 2 for both Point and Nonpoint Source projects have been preliminarily identified as qualifying green projects or green eligible

components of a project for purposes of this requirement, based upon USEPA guidance. This preliminary assessment of green eligible projects was done to expedite the process of completing this IUP and commit funds to projects within the time constraints of the Act. During the public notice period of the IUP, the Department will consult with all communities indentified as having preliminarily eligible green components to their project(s), and document a business case for each prior to finalizing the IUP. If insufficient green eligible components are determined when finalizing the IUP for total available ARRA funded projects, the Department will reserve the deficient 20% green project funds which may be the full 20% if required for meeting the minimal reserve amount of \$4,691,000, and consult with communities below the funding line to seek projects ready to go that have eligible green components, and fund those projects until the minimal 20% green reserve is fully met.

The Department has preliminarily determined that the components of the projects that qualify towards the green project reserve under both Point Source and Non-Point Source Group 1 and Group 2 priority listed projects total are \$8,761,707. As the 20% requirement for the State amounts to a required total of \$4,691,000, the State intends to meet this requirement of the ARRA grant.

6. Priority for Projects Ready to Proceed to Construction in 12 Months/ Preference for Expeditious Activities

The Department has a priority system for its CWSRF program that ranks projects in accordance with criteria associated with public health, compliance and economic need. However, ARRA requires that priority be given to projects that will be ready to proceed to actual construction within 12 months of the date of enactment.

To implement this new priority, the Department will review and consult with potential assistance recipients with projects on its Fundable and Comprehensive Project Priority lists, to determine which projects are most likely to be able to proceed to actual construction within the next 12 months. Projects so determined will be given priority in receiving ARRA funding.

In addition, ARRA section 1602 requires that “recipients shall give preference to activities that can be started and completed expeditiously, including a goal of using at least 50 percent of the funds for activities that can be initiated not later than 120 days after … enactment” of ARRA. The Department intends to implement this preference requirement by selecting for first ARRA funding from among the projects with the priority determined above, those projects that, as far as it's possible to determine, appear most likely to be able to start construction by June 17, 2009.

7. Avoidance of Reallotment/Relationship to Base Program

In order to meet the requirements and deadlines of the ARRA for the expeditious and timely commitment and expenditure of funds, the Department will regularly review the data reported to USEPA on the progress of assistance recipients under the statutory deadlines specified in this IUP to identify any issues with the timeliness of this progress. If such issues are identified, the Department intends to work with USEPA to resolve such issues as may place the State at risk of reallotment if not resolved in a timely manner. The Department will include conditions in its binding commitments to ensure that assistance recipients make timely progress with respect to entering into contracts and/or begin construction. If a recipient fails to maintain progress with these conditions, they will receive funding from other CWSRF monies so that ARRA funding can be provided for a project that is ready to proceed.

The State understands that the USEPA may deobligate grant funds from States that fail to meet requirements on use of funds. The Department intends to avoid deobligation. If the State is eligible for additional funds made available from other States that fail to meet deadlines, the State will provide USEPA with a list of projects from its priority list that are ready to proceed to construction, and will also

provide a certification through an amendment to this IUP that all funds received for these projects will be under contract for construction within 120 days of reallocation.

ADMINISTRATIVE USES

ADEC is allowed to use up to four percent of the federal grant amount for administrative purposes (40 CFR 35.3120(g)). ADEC is requesting \$938,200 to be used in administering the program with ARRA grant funding.

LOAN TERMS

Effective April 28, 2005, loans with a contract term of five to 20 years can be assessed an effective finance charge rate of one and one-half (1.5%) percent or 18.75 percent of the current bond rate as defined by the Municipal Bond Index. Loans with a contract term of one to five years can be assessed an effective interest rate of one (1) percent or 12 ½ percent of the current bond rate as defined by the Municipal Bond Index. Any loan term less than one year is assessed a one-half (0.5) percent finance charge. In addition, with the exception of loans that are paid off in less than one year, all other loan terms include a one-half (0.5) percent administrative fee as part of the overall finance charge.

FFY 2009 Grant Allotment

PART II

PROGRAM GOALS

The ADEC administers the Alaska Clean Water Fund, guided by the following long and short term goals:

Long Term

1. Protect public health and the waters of the State by offering financial assistance for the planning, design and construction of eligible projects.
2. Assist local communities as they strive to achieve and maintain statewide compliance with federal and state water quality standards.
3. Facilitate the construction of projects by providing a long term source of financing to assist communities in attaining and maintaining compliance with the Clean Water Act as amended by the Water Quality Act Amendments of 1987, PL 100-4.
4. Promote coordinated efforts by the State and eligible entities to expedite funding of eligible projects.
5. Increase the pace at which available funds are loaned by marketing to existing and potential new eligible entities by expanding the overall funds usage. Potential new entities may include lending to non-profit organizations for water quality type of projects, and to homeowners through a link-deposit program for on-site septic system improvements.

Short Term

1. Provide low interest loans of \$46.1 million dollars to communities for eligible wastewater treatment or nonpoint source pollution projects.
2. Complete the Capitalization Grant Agreement with the U.S. Environmental Protection Agency (EPA) for Alaska's FFY09 Title VI allocation.
3. Seek EPA's acceptance on meeting Title II equivalency compliance requirements on all projects. However, all nonpoint source (319) projects in this IUP will be non-equivalent in meeting Title II requirements and only be required to meet minimal cross-cutter requirements.
4. Continue to develop a web based tracking system for handling project questionnaires, applications, and project management functions.
5. When interim requests from communities come in to add new projects to the IUP, DEC will as needed, amend the IUP to accommodate communities' needs to add projects to the IUP.

LOAN FUND PROCESS

Annually, ADEC identifies funding sources, selects projects and distributes the funds to projects according to approved criteria and federal and state regulations.

Funding Sources (as of May 31, 2009)

ADEC has several sources of funds available to support the proposed project financing and program administrative costs for this IUP. The following table summarizes the monies contributed and the commitments and expenditures made since the inception of the program. The difference between the funds available and program commitments is the amount of funds available to use during this funding cycle. The following describes more fully each item in the table:

- The total amount of federal monies granted to the program up until this application cycle is \$159,658,162.
- The federal grant request to EPA this year will be for \$4,013,800 matched by state funds of \$802,760.
- State appropriations of \$19,807,300 and bond receipts of \$11,984,292 were secured earlier.
- Other significant funding sources include investment interest earnings of \$34,870,356, principal repayments on loans of \$92,956,548 and interest repayments of \$21,574,647.
- Investment earnings and principal and interest payments of \$13,366,314 are expected to be paid into the Fund during SFY10.
- The total amount of loan commitments made to date is \$263,668,331. This amount accounts for both increases and deobligated funds from projects that have completed construction.
- The \$29,000,000 transfer from the Clean Water Fund to the Drinking Water Fund was completed August, 2007.
- The program has set aside a total of \$6,546,878 to pay for the costs of administering the program.
- Previous bonding and transaction costs totaling \$12,033,777 include administrative, bond sale and interest costs resulting from the sale of bonds that were incurred in previous years.
- Bonding and transaction costs to be paid are \$1,270,060.

A total of \$46.1* million dollars will be available upon award of the FFY 2009 grant. The \$46.1* million will be used to fund projects listed on the ACWF Funding Priority List for Point Source projects (Appendix Ib) and NonPoint Source projects (Appendix Ie).

ALASKA CLEAN WATER FUND

Funding Sources:

Federal Grants	\$ 159,658,162
FFY 09 Federal Allocation	4,013,800
FFY 09 State Match Appropriation Bond Receipts	802,760
State Match - General Funds	19,807,300
State Match - Bond Proceeds	11,984,292 *
Investment Interest	34,870,356
Repayment	
Loan Principal	92,596,548
Loan Interest (net of fees)	21,574,647 112,430,625
Projected 2009 Repayments and Investment Earnings	<u>13,366,314</u>
Funds Available	<u>\$ 358,674,179</u>

Program Commitments:

Loan Commitments	\$263,668,331
Transfer from ACWF to ADWF	29,000,000
Administrative Set-Aside	6,546,878
Previous Bonding and Transaction Costs	12,033,777
Bonding and Transaction Costs to Be Paid	<u>1,270,060</u>
Total Program Commitments	<u>\$312,519,046</u>
 Net Amount Available for Loans	 <u>\$ 46,155,133</u>

*Pending Completion of Bond Transaction

Selection of Projects

1. Identification of Priority Projects

A mailing was done on December, 2008 informing all interested recipients that the questionnaire was available on-line. Eligible recipients were invited to complete and submit their questionnaires electronically.

Using information from the questionnaires, several groups within ADEC worked together to evaluate the projects. Appendix IIa and IIb document the criteria used to assess the projects. Those criteria addressed these topics:

Point Source Priority Criteria Summary

- Public Health
- Water Quality
- Receiving Water Usage
- Project Continuity
- Readiness to Proceed
- Ability to Repay

NonPoint Source Priority Criteria Summary

- Prevention
- Restoration
- Stewardship
- Project Continuity
- Funding Coordination

These assessments integrate the various water quality demands and needs of the State, assigning the highest priority to those projects that addressed the greatest public health and/or water quality threats.

After all projects were evaluated, they were ranked according to their scores. Appendix III contains a detailed listing of ACWF project descriptions and scores. Using the project scores from the list, a priority list was prepared which included those projects with the highest rank, limited by the amount of funding expected to be available.

This year approximately \$9.2 million is earmarked for projects that address nonpoint source water pollution. Under Group 3 listed projects, we received 19 proposals for nonpoint source projects totaling \$36,529,450. Subtracting the amount allocated to nonpoint source projects from the total available amount of \$46,155,153 leaves \$36,924,106 to fund point source projects. Also, an initial reserve amount of \$6,772,296 will be held for Group 1 and Group 2 funded ARRA projects which have insufficient funds to fully fund a project. When ARRA funding commitment deadlines are past for these projects and unused funds will be released for Group 3 project utilization. Funding down the Point Source priority list to the Palmer - Wastewater Treatment Plant Improvements, Ph. II & III project will require \$52,326,500, which exceeds the available amount by \$15,402,394. We will fund this project to the level that there are funds available.

2. Public Review and Comments

The IUP, including the ranked priority lists, will be made available to all eligible recipients and other interested parties. The IUP will be placed on the State of Alaska, Division of Water website. A thirty-day public comment period will follow with a notice published in a newspaper of statewide circulation. The notice will announce the availability of the ACWF priority list, criteria system and priority list funding procedures. Comments will be solicited during this public notice period. Appendix V is reserved for those comments and responses.

Distribution of Funding

1. Projects to be Funded

Following consideration of all public comments received, ADEC evaluated the project ranking and prepared a list of projects. The funding portion of the list (Appendix Ib and Ie) represents those projects, ranked by score, for which funding is expected to be available. The planning portion of the list (Appendix Ib) represents those projects whose rank falls below the funding portion of the list, and for which funding is not expected to be available. Project descriptions for all projects are presented in Appendix III.

2. Project Information

Appendices IVa and IVb contain estimated dates for binding loan commitments, construction starts and the initiation of operation for projects anticipated to be funded by this IUP and associated loan amounts.

3. Disbursements

The estimated disbursement schedule for Point Source loan projects is presented in Appendix VIa. The estimated disbursement schedule for NonPoint Source loan projects is presented in Appendix VIb. These schedules are based upon target dates for binding commitments, beginning construction and initiating operations contained in Appendices IVa and IVb.

4. Federal Payments

Alaska's proposed payment schedule for the FFY 09 grant allotment is shown below. This schedule was developed based on projected needs for project construction and execution of loan agreements

Proposed Federal Payment Schedule FFY 09 Grant

FFY 09 3 rd Quarter	FFY 09 4 th Quarter	FFY 10 1 st Quarter	FFY 10 2 nd Quarter
\$ 1,003,450	\$ 1,003,450	\$ 1,003,450	\$ 1,003,450

NOTE: The federal payment schedule above was determined as follows:

1. The binding commitment schedule was reviewed. Estimated binding commitment amounts and estimated state administrative payment requests were added together for each federal fiscal year quarter in which they are scheduled to be paid, resulting in a total quarterly cash requirement.
2. The total quarterly cash requirement amounts were multiplied by 83 1/3 percent in order to find the federal share of each quarterly binding commitment (in accordance with federal regulation 40 CFR 35.3155(d)(5)). These numbers are reflected in the federal payment schedule shown above.

5. Bypass of Projects

The federal government provides funding for the ACWF. As one of the conditions of state acceptance of the federal funds, we must agree to execute loan agreements within a certain time. Failure to execute these agreements on time will cause the state to lose some of the funding. If the ACWF would potentially lose federal monies due to an inability to enter into a timely loan, funding will be made available for the next project on the list which is ready to proceed.

If a project on the fundable portion of the list has not turned in a completed loan application package or has not completed the state environmental review process, it may be bypassed for another project on the priority list that is ready to proceed, down to and including planning list projects. If a loan application is not submitted for a project on the fundable portion of the list within four (4) months after being placed on the priority list, the project will, without justification, be automatically by-passed by a lower scoring project ready to proceed. This action includes any project ready to proceed regardless if it is on either the Point Source or NonPoint Source funding list, as long as funding is available. In addition, any project ready to proceed which will meet full equivalency and federal cross-cutter requirements, may submit a loan application regardless of its position on either the priority or planning lists. The condition is valid only to the point of full utilization of available federal capitalization grant funds.

If any projects are equal in scoring, the following sequence will be used to differentiate between them:

1. If a project requires an earlier construction date, as a result of a compliance agreement or other legal order from EPA or DEC, that project will be placed ahead of the others.
2. A project with an earlier anticipated date for submitting a completed application will be moved forward.
3. If a project is already under construction and the environmental review has been completed, that project will be moved ahead.
4. If the projects are from the same city, the city may request that one be placed ahead of the other.
5. The individual scores from each criteria category will be compared until a difference is found. The project with the highest score in the individual category will be placed first.

6. Fund Transfer

The State completed a transfer of funds from the Alaska Clean Water Fund (ACWF) to the Alaska Drinking Water Fund (ADWF). A similar action may be undertaken in the future in response to funding demands in each program.

ADDITIONAL LOAN FUND POLICIES

Assurances

1. Binding Commitments

ADEC will enter into loan agreements for 120 percent of the federal capitalization grant within one year of receipt of each payment from the federal government, as required by federal law.

2. Expedited and Timely Expenditure

All funds will be expended or obligated in a timely and expeditious manner. First priority for all loans will be to assure compliance with the Clean Water Act as amended by the Water Quality Act of 1987.

3. First Use Requirement

Alaska communities do not appear on the National Municipality Policy Non-Compliance List. Therefore, the “first-use” requirement of 40 CFR 35.3135(e) has been satisfied.

4. Title II Equivalency Compliance

The Clean Water Act and subsequent EPA regulations instituted the Clean Water State Revolving Fund loan program with numerous federal laws and authorities (Appendix VII). ADEC requires compliance with these federal laws and authorities on selected ACWF loan projects. However, the State is planning to request an equivalency determination in SFY 10. If equivalency is granted, the State may choose to reduce some or all of the compliance requirements.

5. Environmental Review

All projects receiving ACWF financial assistance will be subject to the EPA approved Environmental Review Procedures of the ACWF.

6. Reporting

When applicable, DEC will provide data or information to EPA as may be needed for national reports, public inquiries, or Congressional inquiries. DEC will continue to meet the federal Environmental Results Initiative reporting requirements by inputting environmental summaries, referred to as “one-pagers” on ACWF projects, when applicable. A copy of each “one-pager” will be presented in the ACWF annual report.

ADMINISTRATIVE USES

ADEC is allowed to use up to four percent of the federal grant amount for administrative purposes (40 CFR 35.3120(g)). In SFY 10, ADEC is requesting \$200,000 to be used in administering the program. This request will bring the total administrative funds requested to \$5,013,301. As the table below shows, ADEC has not yet requested the allowable amount of \$6,546,878 for administering the program. A total of \$1,533,577 is being reserved for future administrative costs.

Calculation of Administrative Reserves

FFY 09 Grant

Federal grants prior to FFY 09	\$159,658,162
FFY 09 Capitalization Grant	<u>4,013,800</u>
	Total federal grant requested
	\$163,671,962
Allowable administrative funds (4% of \$163,671,962)	\$6,546,878
Administrative funds used prior to SFY 10	\$4,813,301
SFY 10 administrative amount requested	<u>200,000</u>
	Total administrative funds requested
	\$5,013,301
Allowable administrative funds	\$6,546,878
- Total Administrative funds requested	<u>\$5,013,301</u>
	Amount to be reserved
	\$1,533,577

SRF regulations were amended to initiate a fee structure that will eventually supplant the use of the four percent administrative set-aside. Under EPA guidance, the fee we collect can only be used for administrative purposes to help manage the program. Effective December 29, 2000, the program has been collecting loan administration fees equal to one-half percent (0.5%) of the principal loan balance on scheduled repayments. As of May 31, 2009, the program has collected \$3,453,952*.

Loan Terms

Effective April 28, 2005, loans with a contract term of five to 20 years can be assessed an effective finance charge rate of one and one-half (1.5%) percent or 18.75 percent of the current bond rate as defined by the Municipal Bond Index. Loans with a contract term of one to five years can be assessed an effective interest rate of one (1) percent or 12 ½ percent of the current bond rate as defined by the Municipal Bond Index. Any loan term less than one year is assessed a one-half (0.5) percent finance charge. With the exception of loans that are paid off in less than one year, all other loan terms include a one-half (0.5) percent administrative fee as part of the overall finance charge.

*subject to reconciliation

Capitalization Requirements

In accordance with Title VI, Section 602(b) of the Clean Water Act as amended by the Water Quality Act of 1987, PL 100-4, Alaska will accept capitalization grants in accordance with a schedule jointly agreed upon by ADEC and EPA.

A required state match equaling 20 percent of the federal capitalization grant (\$802,760) will be deposited into the fund. Each loan payment made from the fund will follow the EPA rules of proportionality. State monies, which have been deposited into the Alaska Clean Water Fund, will be added to the cumulative EPA Capitalization Grant amounts and then divided by the cumulative State appropriations deposited into the fund to determine the State's proportional share of each loan payment made to a community.

ADEC will provide the required state match from short term bonding this year. By using a short term bonding technique, ADEC uses, as collateral, the interest income of the Fund to acquire bond receipts and save approximately eight hundred thousand dollars in general funds from the State budget. This process effectively substitutes bond receipts for interest income. ADEC is required to document that sufficient interest income exists in an amount equal to or greater than the proposed bonding amount and that this process will still allow the Fund to grow in perpetuity. ADEC's program audits have documented the availability of the required amount of interest.

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- Appendix I**
 - Ia. Point Source Funding Master Funding List
 - Ib. Point Source Funding Priority List: Groups 1 & 2
 - Ic. Point Source Priority Planning List: Group 2
 - Id. Point Source Planning Priority & Planning Lists: Group 3
 - Ie. Non-Point Source Master Funding List
 - If. Non-Point Source Funding Priority & Planning Lists: Groups 1 & 2
 - Ig. Non-Point Source Funding Priority & Planning Lists: Group 3

- Appendix II**
 - IIa. Point Source Priority Criteria
 - IIb. NonPoint Source Priority Criteria

- Appendix III** Scoring Distribution of ACWF Projects

- Appendix IV**
 - IVa. Point Source Project Detail
 - IVb. NonPoint Source Project Detail

- Appendix V** Public Comments

- Appendix VI**
 - VIa. Estimate Disbursement Schedule for Point Source Projects
 - VIb. Estimated Disbursement Schedule NonPoint Source Project

- Appendix VII** Federal “Cross-Cutter” Authorities

APPENDIX Ia

ALASKA CLEAN WATER FUND Point Source Master Funding List

**ALASKA CLEAN WATER FUND
Point Source Master Funding List**

Fiscal Year 2010

Rank Number	System Owner	Project Title	Project Number	Score	Amount Requested	Cumulative Amount Requested	ARRA Funding Eligible (Yes/No)	GREEN Project Eligibility (Yes/No/NE*)
1	Juneau	West Mendenhall Valley Sewer Extension - Phase 3	445231	630	\$4,500,000	\$4,500,000	Yes	NE
2	Anchorage	Girdwood Wastewater Treatment Facility	130541	595	\$20,000,000	\$24,500,000	Yes	NE
3	Unalaska	Wastewater Treatment Plant, Ph. II	879051	595	\$9,800,000	\$34,300,000	Yes	NE
4	Sitka**	I & I Identification & Removal	783291	525	\$4,197,250	\$38,497,250	Yes	Yes
5	Ketchikan	Tongass Avenue Sewer Replacement Phase II	481071	520	\$7,000,000	\$45,497,250	Yes	Yes
6	Palmer	Wastewater Treatment Plant Improvements Ph. I	671161	480	\$18,026,500	\$63,523,750	No	NE
7	Palmer	Wastewater Treatment Plant Improvements Ph. II & III	671201	480	\$4,000,000	\$67,523,750	Yes	Yes
8	Skagway	WWTP MBR Upgrade	785061	480	\$2,500,000	\$70,023,750	Yes	NE
9	North Pole	Sewer Lift Station Renovation	633151	475	\$800,000	\$70,823,750	Yes	NE
10	Anchorage	Septage Improvements - Phase II	130551	385	\$2,000,000	\$72,823,750	No	NE
11	Homer	Kachemak Drive Phase II Construction	409171	375	\$261,430	\$73,085,180	Yes	Yes
12	Petersburg	Noseeum St. Sewer	685371	370	\$1,000,000	\$74,085,180	Yes	NE
13	Kodiak	Aleutian Homes Sewer Replacement Phase III	503161	370	\$4,200,000	\$78,285,180	Yes	NE
14	North Slope Borough	Wainwright Sewer Repairs - Phase III	635151	360	\$195,800	\$78,480,980	Yes	Yes
15	Petersburg	Gauffin Street Sewer	685101	350	\$3,664,000	\$82,144,980	Yes	Yes
16	Kenai	Kenai Bridge Access Road Sewer Main	475051	350	\$197,841	\$82,342,821	Yes	Yes
17	Petersburg	Valkrie Street Sewer	685111	345	\$75,570	\$82,418,391	Yes	Yes
18	Petersburg	Second Street Sewer	685151	345	\$103,400	\$82,521,791	Yes	Yes
19	Petersburg	Odin Street Sewer	685131	345	\$375,000	\$82,896,791	No	NE
20	Wasilla	STP Treatment Land Acquisition	905081	345	\$400,000	\$83,296,791	Yes	NE
21	Anchorage	C-2 (A,B) Sewer Improvements	130721	270	\$4,806,548	\$88,103,339	Yes	No
22	Ketchikan	Jackson St./4th/7th Avenues Sewer	481081	260	\$4,000,000	\$92,103,339	Yes	NE
23	Anchorage	Eagle River Wastewater Treatment Facility Improvements	130561	210	\$6,000,000	\$98,103,339	Yes	NE
24	Anchorage	Asplund Generator Upgrade	130571	205	\$3,000,000	\$101,103,339	Yes	NE
25	Anchorage	Pump Station Upgrades	130581	205	\$3,000,000	\$104,103,339	Yes	NE
26	Anchorage	Pump Station 10 Upgrade	130591	205	\$1,000,000	\$105,103,339	Yes	NE
27	Anchorage	Cope-Dorbant Sewer Upgrade	130691	205	\$488,000	\$105,591,339	Yes	Yes
28	Craig	Port St. Nicholas Gravity Sewer	261133	195	\$354,500	\$105,945,839	Yes	Yes
29	Sitka	Main Rehab/Replace @ HPR/SMC Inter.	783241	180	\$110,000	\$106,055,839	Yes	Yes
30	Sitka	Granite Creek Road Sewer Extension	783251	180	\$475,000	\$106,530,839	Yes	Yes
31	Soldotna	Sewer Lift Station Upgrade	791171	175	\$5,500,000	\$112,030,839	Yes	NE
32	Anchorage	Asplund Disinfection Study & Upgrade	130601	175	\$2,600,000	\$114,630,839	Yes	No
33	North Pole	Sewer Main and Manhole Rehabilitation	633201	170	\$1,700,000	\$116,330,839	Yes	No
34	Palmer	Wastewater SCADA Control & Surveillance	671171	170	\$2,000,000	\$118,330,839	Yes	No
35	Palmer	Lift Station No. 1, 2 and 3 Piping Upgrades	671181	170	\$300,000	\$118,630,839	Yes	No
36	North Pole	Jet-Vac Truck	633161	170	\$319,405	\$118,950,244	Yes	Yes
37	Sitka	Oja Street Sewer Main Replacement	783271	170	\$620,000	\$119,570,244	Yes	Yes
38	Sitka	Brady Street Sewer Rehabilitation	783281	170				

* "NE" Not Evaluated

* The project is only for refinancing an existing ACVIF loan.

Point Source Master Funding List (Continued)

Fiscal Year 2010

Rank Number	System Owner	Project Title	Score	Amount Requested	Cumulative Amount Requested	ARRA Funding Eligible (Yes/No)	GREEN Project Eligibility (Yes/No/NE*)
39	North Pole	Wastewater Treatment Plant Engineering Study	633221	\$500,000	\$120,070,244	No	NE
40	Seward	Lift Station No. 3 Building Electrical	769051	\$278,000	\$120,348,244	Yes	Yes
41	Anchorage	Chester Creek (B-5, B-6)	130611	\$5,544,000	\$125,892,244	Yes	NE
42	Anchorage	Benson Dawson-Cheechako Sewer Upgrade	130621	\$700,000	\$126,592,244	Yes	NE
43	Anchorage	86th-Golden-Jewel Lake Sewer Upgrade	130631	\$360,000	\$126,952,244	Yes	NE
44	Anchorage	8th-9th Karluk-Juneau Sewer Upgrade	130641	\$245,000	\$127,197,244	Yes	NE
45	Anchorage	E 71st Ave Sewer Upgrade	130651	\$487,200	\$127,684,444	Yes	NE
46	Anchorage	Loussac Drive Capacity Increase	130661	\$546,700	\$128,231,144	Yes	NE
47	Anchorage	Midtown Sewer Upgrade	130671	\$652,400	\$128,883,544	Yes	NE
48	Anchorage	Wonder Park Sewer Upgrade	130681	\$2,949,100	\$131,832,644	Yes	NE
49	North Pole	Sludge Removal	633171	\$500,000	\$132,332,644	Yes	No
50	Palmer	Sewer Main Upgrades	671191	\$2,000,000	\$134,432,644	Yes	No
51	St. Paul	S. Old Town Sewer Upgrade	749001	\$100,000	\$132,432,644	Yes	Yes
52	Kenai	Wastewater Treatment Plant Upgrades	475041	\$486,000	\$134,918,644	Yes	Yes
53	Homer	Sanitary Sewer Rehabilitation	409141	\$1,800,000	\$136,718,644	Yes	Yes
54	Petersburg	Pump Station 5 Upgrade	685211	\$340,000	\$148,077,144	Yes	Yes
55	Seldovia	Robin Street Sewer Installation	791181	\$198,000	\$136,916,644	Yes	No
56	Seldovia	Soldotna Avenue Sewer Mainline Installation	791191	\$372,500	\$137,289,144	Yes	No
57	North Pole	Industrial Force Main	633211	\$3,000,000	\$147,737,144	Yes	No
58	Homer	STP Bio-Solids Treatment Improvements	409161	\$5,245,000	\$144,737,144	Yes	No
59	King Cove	Downtown Wastewater System Upgrades	487051	\$1,483,000	\$139,492,144	Yes	Yes
60	Seldovia	Centennial Park Road Sewer Improvements	791201	\$720,000	\$138,009,144	Yes	Yes
61	Anchorage	AWWW Ops Control System	130701	\$308,000	\$148,385,144	Yes	NE
62	Wrangell	Cassiar Street Sewer System Rehabilitation	917101	\$462,541	\$148,847,685	Yes	Yes
63	Sand Point	Wastewater Improvement	757031	\$874,800	\$149,722,485	Yes	NE
64	Juneau	Sludge Incinerator Replacement	445301	\$17,650,000	\$167,372,485	Yes	Yes
65	Fairbanks North Star Borough	Growthden Park Sewer Upgrade	339061	\$285,000	\$167,657,485	Yes	Yes
66	Matanuska Susitna Borough	Sludge Storage Cell Construction	561171	\$850,000	\$168,507,485	Yes	Yes
67	Matanuska-Susitna Borough	Talkeetna Sewer System I & I Study and Upgrades	633191	\$1,100,000	\$169,760,985	No	NE
68	Valdez	Sewage Treatment Plant Headworks Installation	891021	\$153,500	\$168,660,985	Yes	NE
69	Sitka	Sawmill Creek Road Sewer Upgrade, Phase 3	783281	\$1,900,000	\$171,660,985	Yes	NE
70	Anchorage	Iris Way Sewer Upgrade	130711	\$55,000	\$172,660,985	Yes	No
71	North Pole	Utility Garage	633181	\$1,010,000	\$173,670,985	Yes	Yes

APPENDIX Ib

ALASKA CLEAN WATER FUND

**GROUP 1 & GROUP 2
Point Source Funding Priority List
Funding Under Part I**

ALASKA CLEAN WATER FUND Point Source Funding Priority List

**GROUP 1 - ARRA Eligible Projects With Loan Subsidy
Commitment and Under Construction by June 17, 2009
(Project Funding Under PART I of the IUP)**

Fiscal Year 2010

System Owner	Project Title	Project Number	Score	Commitment Date	Construction Date	Amount Requested	ARRA Principle Forgiveness	ARRA Amount Subsidy & Subsidy ¹ Financed	Cumulative ARRA Amount (Sub/Finc.)	Financed Non-ARRA Amount (IUP-Part II)	GREEN	
											Projected Eligibility (%) ³	Available Eligibility (%) ⁴
North Pole	Sewer Lift Station Renovation	633151	475	6/17/2009	6/17/2009	2,500,000	1,730,000	2,200,000 ²	2,200,000	300,000	0%	0%
Soldotna	Sewer Lift Station Upgrade	791171	175	6/17/2009	6/15/2009	475,000	437,000	475,000	2,675,000	0	300,000	0%
North Pole	Jet-Vac Truck	633161	170	6/17/2009	6/17/2009	300,000	270,000	300,000	2,975,000	0	300,000	0%
Seward	Lift Station No. 3 Building Electrical	788051	165	6/17/2009	6/15/2009	278,000	250,200	278,000	3,253,000	0	300,000	0%

⁵ GREEN PROGRAM TOTAL-GROUP 1: \$0

¹ Criteria for loan subsidies may be referenced on page 8 under Part I of the IUP, and actual subsidy for a project may be increased upon final determination of an eligible "green" work component.

² The "maximum" \$2,000,000 subsidy cap for projects has been reached for the community under the ARRA grant, unless the project is for combining two separate utility systems into one, the "maximum" is then \$4,000,000. Also, any projects with a "Y" amount of loan subsidy due to a community already due to a maximum ARRA funding loan cap, or exceeding their \$2,500,000 (\$5,000,000 for a combined system project) maximum ARRA funding loan cap (subsidy and financed amounts), will only be funded with funds coming from Part II (non-ARRA funds) of the IUP. In addition, if a project is funded by Part II funds only, affected projects will be funded in order of ranking under projects listed in Group 3.

³ An additional subsidy may be offered if a project has an eligible "Green" component. The amount of subsidy determined decreases the amount financed for a project based on the overall percentage of the eligible "green" component. Further explanation of a "Green" project may be referenced on page 9 under Part I of the IUP.

⁴ The "Green" Available Subsidy Amount column represents an estimated percentage that may be available as principle forgiveness that reduces an equivalent portion that is financed for the project.

⁵ This total represents the total of "green" projected program utilization. The required 20% minimal reserve under the ARRA grant for projects is \$4,691,000

ALASKA CLEAN WATER FUND
Point Source Funding Priority List

**GROUP 2 - ARRA Eligible Projects With Loan Subsidy
 Commitment and Construction Contract Signed by January 18, 2010
 (Project Funding Under PART I of the IUP)**

Fiscal Year 2010

System Owner	Project Title	Project Number	Score	Commitment Date	Construction Date	Amount Requested	ARRA Principle Forgiveness & Subsidy ¹	ARRA Amount Financed (Sub/Fina.)	Cumulative ARRA Non-ARRA Amount (IUP-Part II)	Financed ARRA Non-ARRA Amount (IUP-Part II)	Cumulative ARRA Non-ARRA Amount (IUP-Part II)	Projected GREEN Availability Eligibility Amount ² (%)	Projected GREEN Availability Eligibility Amount ² (%)	Projected GREEN Program Amount
Ketchikan	Tongass Avenue Sewer Replacement Phase II	461071	520	1/17/2010	1/15/2010	4,197,250	2,000,000 2	2,500,000	5,753,000	1,697,250	0%	0	0%	0
Panier	Wastewater Treatment Plant Improvements, Ph. I	871161	480	7/1/2008	1/14/2010	7,000,000	5,000,000 2	5,000,000	10,753,000	3,887,250	100%	1,000,000	1,000,000	5,000,000
Skagway	WWTP MBR Upgrade	788081	480	9/28/2009	1/15/2010	4,000,000	2,000,000 2	2,500,000	13,253,000	5,497,250	0%	0	0	0
Petersburg	Noseum St. Sewer	6885371	370	8/11/2008	9/1/2008	281,430	235,287	281,430	13,514,430	0	5,497,250	0%	0	0
Petersburg	Gulfin Street Sewer	6885101	350	8/11/2008	8/1/2009	195,800	176,220	195,800	13,710,230	0	5,497,250	0%	0	0
Kanal	Kenn Bridge Access Road Sewer Main	4776581	350	10/22/2009	11/15/2010	3,984,000	2,025,000 1	2,500,000	16,210,230	1,164,000	6,881,250	10%	25,000	25,000
Petersburg	Valerie Street Sewer	6885111	345	7/1/2008	8/1/2009	197,841	180,035	197,841	16,488,071	0	6,881,250	10%	1,978	19,784
Petersburg	Second Street Sewer	6885161	345	7/1/2008	8/1/2009	75,570	68,769	75,570	16,483,841	0	6,881,250	10%	757	7,557
Petersburg	6th Street Sewer	8885131	345	7/1/2008	8/1/2009	103,400	94,084	103,400	16,587,041	0	6,881,250	10%	1,034	10,340
Craig	Port. St. Nicholas Gravity Sewer	261131	185	6/20/2009	8/1/2009	488,000	439,200	488,000	17,075,041	0	6,881,250	0%	0	0
Sitka	Gratia Creek Road Sewer Extension	783261	180	7/1/2008	7/1/2009	110,000	99,000	110,000	11,880,041	0	6,881,250	0%	0	0
Sitka	Oja Street Sewer Main Replacement	783271	170	7/1/2008	7/1/2009	319,405	287,465	319,405	17,504,446	0	6,881,250	10%	2,085	0
Sitka	Brady Street Sewer Rehabilitation	783361	170	7/1/2009	7/1/2009	620,000	468,059	620,000	18,013,400	111,046	6,772,286	10%	8,200	31,941
														50,885

*** GREEN PROGRAM TOTAL-GROUP 1 & 2 (Priority): \$5,370,517**

¹ Criteria for loan subsidies may be referenced on page 8 under Part I of the IUP, and actual subsidy for a project may be increased upon final determination of an eligible "green" work component.

² The "maximum" \$2,000,000 subsidy cap for projects has been reached for the community under the ARRA grant, unless the project is for combining two separate utility systems into one, the "maximum" is then \$4,000,000. Also, any projects with a "T" amount of loan subsidy due to a community subsidy exceeding their "maximum cap" subsidy, or exceeding than \$2,500,000 (\$6,000,000 for a combined system project) maximum ARRA funding total cap (subsidy and financed amount), will only be funded with funds coming from Part II (non-ARRA funds) of the IUP. In addition, if a project is funded by Part II funds only, affected projects will be funded in order of ranking under projects listed in Group 3.

³ An additional subsidy may be offered if a project has an eligible "Green" component. The amount of subsidy determined decreases for a project based on the overall percentage of the eligible "Green" project. Further explanation of a "Green" project may be referenced on page 9 under Part I of the IUP.

⁴ The "Green" Available Subsidy Amount column represents an estimated percentage that may be available as principle forgiveness that reduces an equivalent portion that is financed for the project.

⁵ This total represents the total of "green" projected program utilization. The required 20% minimal reserve under the ARRA grant for projects is \$4,087,000.

⁶ Funding of the Sitka - Brady Street Sewer Rehabilitation project will be dependent upon remaining available ARRA funds. If remaining total available funds of \$18,013,400 are insufficient to fully fund the project, the project may receive funding under Part II (non-ARRA funds) of the IUP.

APPENDIX Ic

ALASKA CLEAN WATER FUND

GROUP 2

**Point Source Funding Priority Planning List
Funding Under Part II**

ALASKA CLEAN WATER FUND
Point Source Funding Priority Planning List

GROUP 2 - ARRA Eligible Projects With Loan Subsidy

Commitment and Construction Contract Signed by January 18, 2010
 (Project Funding Under PART I of the IUP)

Fiscal Year 2010

System Owner	Project Title	Project Number	Score	Funding Requested			Loan			ARRA			Cumulative ARRA Amount			Green			
				Commitment Date	Construction Date	Amount Requested	Principle Forgiveness	Subsidy ¹	Financed	Non-ARRA Amount	(IUP-Part II)	Non-ARRA Amount	(IUP-Part II)	Protected Eligibility (%) ²	Cumulative Non-ARRA Amount	(IUP-Part II)	Protected Eligibility (%) ²	Cumulative Non-ARRA Amount	(IUP-Part II)
St. Paul Homer Petersburg Seldovia Soldotna Homer King Cove Wrangell Sand Point Sitka	S. Old Town Sewer Upgrade Sanitary Sewer Rehabilitation Pump Station 5 Upgrade Robin Street Sewer Installation Sokolona Avenue Sewer Mainline Installation STP Bio-Solids Treatment Improvements Downtown Wastewater System Upgrades Caesar Street Sewer System Rehabilitation Wastewater Improvements Salmonail Creek Road Sewer Upgrade, Phase 3	748001 409141 685211 781181 781191 409161 487051 917101 767031 783281	155 150 145 145 145 145 145 140 135 85	8/20/2008 8/15/2008 8/17/2009 7/1/2009 7/1/2009 8/15/2008 8/20/2008 8/17/2009 7/1/2009 8/17/2009	7/1/2008 1/18/2010 9/17/2009 7/1/2009 7/1/2009 1/18/2010 8/2/2009 8/17/2009 9/1/2009 8/17/2009	100,000 1,800,000 340,000 198,000 180,180 526,187 1,349,530 420,912 874,800 1,900,000	1,658,000 308,000 198,000 328,887 ³ 328,887 5,245,000 1,483,000 874,800 1,169,238 ²	100,000 340,000 198,000 19,342,446 20,281,113 280,000 ⁴ 1,483,000 420,912 1,283,852	0 0 0 0 0 0 0 0 0 0	19,404,446 18,744,446 19,342,446 20,281,113 20,603,335 4,922,778 22,086,335 22,548,878 23,423,676 24,707,539	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	18,000 18,000 18,000 18,000 18,000 18,000 18,000 18,000 18,000 18,000	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
⁵ GREEN PROGRAM TOTAL-GROUP 2 (Planning):																			
\$844,087																			

¹ Criteria for loan subsidies may be referenced on page 8 under Part I of the IUP, and actual subsidy for a project may be increased upon final determination of an eligible "green" work component.

² The "maximum" \$2,000,000 subsidy cap for projects has been reached for the community under the ARRA grant, unless the project is for combining two separate utility systems into one, the "maximum" is then \$4,000,000. Also, any projects with a "Y" amount of loan subsidy due to a community already meeting their \$2,500,000 (\$5,000,000 for a combined system project) maximum ARRA funding total cap (subsidy and financed amounts), will only be funded with funds coming from Part II (non-ARRA funds) or the IUP. In addition, if a project is funded by Part II funds only, affected projects will be funded in order of ranking under projects listed in Group 3.

³ An additional subsidy may be offered if a project has an eligible "Green" component. The amount of subsidy determined decreases the amount financed for a project based on the overall percentage of the eligible "Green" component. Further explanation of a "Green" project may be referenced on page 9 under Part I of the IUP.

⁴The "Green" Available Subsidy Amount column represents an estimated percentage that may be available as principle forgiveness that reduces an equivalent portion that is financed for the project.

⁵This total represents the total of "green" projected program utilization. The required 20% minimal reserve under the ARRA grant for projects is \$4,087,000.

APPENDIX Id

ALASKA CLEAN WATER FUND

GROUP 3

**Point Source Funding Priority & Planning Lists
Funding Under Part II**

ALASKA CLEAN WATER FUND
Point Source Funding Priority List

GROUP 3 - ARRA Eligible & Non-Eligible Projects*
ARRA Eligible Projects With No Loan Subsidy

(Project Funding Under PART II of the IUP)

((Group 3 Project Funding Available When IUP Is Finalized))

Fiscal Year 2010

System Owner	Project Title	Project Number	Score	Amount Requested	ARRA	
					Cumulative Amount Requested	Funding Eligible (Yes/No)
Juneau	West Mendenhall Valley Sewer Extension - Phase 3	445231	630	\$4,500,000	\$4,500,000	Y
Anchorage	Girdwood Wastewater Treatment Facility	130541	595	\$20,000,000	\$24,500,000	Y
Unalaska	Wastewater Treatment Plant, Ph. II	879051	595	\$9,800,000	\$34,300,000	Y
Sitka	I & I Identification & Removal	783291	525	\$0	\$34,300,000	N**
Palmer	Wastewater Treatment Plant Improvements, Ph. II & III	671201	480	\$18,026,500	\$52,326,500	N***

* Criteria for eligible ARRA loan projects may be referenced on page 8 under Part I of the IUP.

** The Sitka - I & I Identification & Removal project is for refinancing an existing ACWIF loan, no additional funding is being requested.

*** Funding of the Palmer - Wastewater Treatment Plant Improvements, Ph. II & III project will be dependent upon remaining available Part II funds reserved for Group 1 and Group 2 Priority projects that are insufficient to completely fund a project with ARRA funds. Total available funding amount of \$36,924,106 less the reserve for Groups 1 & 2 in the amount of \$6,772,236, will leave a remaining balance of \$30,151,810 available for Group 3 projects.

ALASKA CLEAN WATER FUND
Point Source Funding Priority Planning List

GROUP 3 - ARRA Eligible & Non-Eligible Projects*
ARRA Eligible Projects With No Loan Subsidy
 (Project Funding Under PART II of the IUP)

Fiscal Year 2010

System Owner	Project Title	Project Number	Score	Amount Requested	Cumulative Amount Requested	ARRA Funding Eligible (Yes/No)
Anchorage	Septage Improvements - Phase II	130551	385	\$800,000	\$53,126,500	Y
Homer	Kachemak Drive Phase II Construction	409171	375	2,000,000	\$55,126,500	N**
Kodiak	Aleutian Homes Sewer Replacement Phase III	503161	370	\$1,000,000	\$56,126,500	Y
North Slope Borough	Wainwright Sewer Repairs - Phase III	635151	360	\$4,200,000	\$60,326,500	Y
Wasilla	STP Treatment Land Acquisition	905081	345	\$375,000	\$60,701,500	N**
Anchorage	C-2 (A,B) Sewer Improvements	130721	270	\$400,000	\$61,101,500	Y
Ketchikan	Jackson St./4th/7th Avenues Sewer	481081	260	\$4,806,548	\$65,908,048	N**
Anchorage	Eagle River Wastewater Treatment Facility Improvements	130561	210	\$4,000,000	\$69,908,048	Y
Anchorage	Asplund Generator Upgrade	130571	205	\$6,000,000	\$75,908,048	Y
Anchorage	Pump Station Upgrades	130581	205	\$3,000,000	\$78,908,048	Y
Anchorage	Pump Station 10 Upgrade	130591	205	\$3,000,000	\$81,908,048	Y
Anchorage	Cope-Dorbrant Sewer Upgrade	130691	205	\$1,000,000	\$82,908,048	Y
Sitka	Main Rehab/Replace @ HPR/SMC Inter.	783241	180	\$354,500	\$83,262,548	N**
Anchorage	Asplund Disinfection Study & Upgrade	130601	175	\$5,500,000	\$88,762,548	Y
North Pole	Sewer Main and Manhole Rehabilitation	633201	170	\$2,600,000	\$91,362,548	N**
Palmer	Wastewater SCADA Control & Surveillance	671171	170	\$1,700,000	\$93,062,548	N**
Palmer	Lift Station No. 1, 2 and 3 Piping Upgrades	671181	170	\$2,000,000	\$95,062,548	N**
North Pole	Wastewater Treatment Plant Engineering Study	633221	170	\$500,000	\$95,562,548	N**
Anchorage	Chester Creek (B-5, B-6)	130611	165	\$5,544,000	\$101,106,548	Y
Anchorage	Benson Dawson-Cheechako Sewer Upgrade	130621	165	\$700,000	\$101,806,548	Y
Anchorage	86th-Golden-Jewel Lake Sewer Upgrade	130631	165	\$360,000	\$102,166,548	Y
Anchorage	8th-9th Karluk-Juneau Sewer Upgrade	130641	165	\$245,000	\$102,411,548	Y
Anchorage	E 71st Ave Sewer Upgrade	130651	165	\$487,200	\$102,898,748	Y
Anchorage	Loussac Drive Capacity Increase	130661	165	\$546,700	\$103,445,448	Y
Anchorage	Midtown Sewer Upgrade	130671	165	\$652,400	\$104,097,848	Y
Anchorage	Wander Park Sewer Upgrade	130681	165	\$2,949,100	\$107,046,948	N**
Palmer	Sewer Main Upgrades	671191	155	\$2,000,000	\$109,046,948	

* Criteria for eligible ARRA loan projects may be referenced on page 8 under Part I of the IUP.

** Did not meet ARRA eligibility criteria dates for commitment and/or construction/land purchase, or is a planning/study/design project, or is for refinancing costs prior to October 1, 2008, or the project was moved to the Group 3 list from a Group 1 or 2 list due to other community/system higher ranked projects receiving maximum ARRA funding (note - these moved projects could potentially still receive ARRA funding if the community/system ARRA maximum funding is not reached.)

ALASKA CLEAN WATER FUND

DRAFT - Point Source Funding Priority Planning List

GROUP 3 - ARRA Eligible & Non-Eligible Projects* - CONTINUED
ARRA Eligible Projects With No Loan Subsidy
 (Project Funding Under PART II of the IUP)

Fiscal Year 2010

System Owner	Project Title	Project Number	Score	Amount Requested	ARRA Funding Eligible (Yes/No)	
					Cumulative Amount Requested	ARRA Funding Eligible (Yes/No)
North Pole	Sludge Removal	633171	155	\$500,000	\$109,546,948	N**
	Wastewater Treatment Plant Upgrades	475041	155	\$486,000	\$110,032,948	N**
Kenai	Industrial Force Main	633211	145	\$3,000,000	\$113,032,948	N**
North Pole	Centennial Park Road Sewer Improvements	791201	145	\$720,000	\$113,752,948	N**
Soldotna	AWWWU Ops Control System	130701	145	\$308,000	\$114,060,948	Y
Anchorage	Sludge Incinerator Replacement	445301	130	\$17,650,000	\$131,710,948	Y
Juneau	Growth Park Sewer Upgrade	339061	125	\$285,000	\$131,985,948	N**
Fairbanks North Star Borough	Sludge Storage Cell Construction	561171	125	\$850,000	\$132,845,948	N**
Matanuska-Susitna Borough	Talkeetna Sewer System I & I Study and Upgrades	633191	125	\$1,100,000	\$133,945,948	N**
Matanuska-Susitna Borough	Sewage Treatment Plant Headworks Installation	891021	125	\$153,500	\$134,099,448	Y
Valdez	Iris Way Sewer Upgrade	130711	65	\$1,000,000	\$135,099,448	Y
Anchorage	Utility Garage	633181	35	\$1,010,000	\$136,109,448	N**

* Criteria for eligible ARRA loan projects may be referenced on page 8 under Part I of the IUP.

** Did not meet ARRA eligibility criteria dates for commitment and/or construction/purchase, or is a planning/study/design project, or is for refinancing costs prior to October 1, 2008, or the project was moved to the Group 1 or 2 list from a Group 3 list from a Group 3 list due to other community/system higher ranked projects receiving maximum ARRA funding (note - these moved projects could potentially still receive ARRA funding if the community/system ARRA maximum funding is not reached.)

APPENDIX Ie

ALASKA CLEAN WATER FUND

Non-Point Source Master Funding List

ALASKA CLEAN WATER FUND
Non-Point Source Master Funding List

Fiscal Year 2010

Rank Number	System Owner	Project Title	Project Number	Score	Amount Requested	Cumulative Amount Requested	ARRA Funding Eligible (Yes/No)	GREEN Project Eligibility (Yes/No/NE*)
1	Soldotna	Storm Water Outfall Protection	791211	160	1,200,000	1,200,000	Yes	Yes
2	Fairbanks North Star Borough	South Cushman Landfill Expansion Cell 3 & 4	339081	160	8,000,000	9,200,000	No	NE
3	Fairbanks North Star Borough	Solid Waste Landfill Partial Closure	339071	145	6,000,000	15,200,000	Yes	Yes
4	Wasilla	Replacement Vector Truck	905091	145	300,000	15,500,000	Yes	Yes
5	Matanuska-Susitna Borough	Point MacKenzie Access Road Drainage Improvements	561071	130	2,750,000	18,250,000	Yes	Yes
6	Matanuska-Susitna Borough	Regional Resource Recovery & Training Facility	561181	125	2,500,000	20,750,000	Yes	Yes
7	Matanuska-Susitna Borough	Central Landfill Cell 3 Phase 2	561081	125	550,450	21,300,450	Yes	No
8	Homer	Storm Water Master Plan	409201	120	340,000	21,640,450	No	NE
9	Palmer	Storm Water Master Plan	677201	120	100,000	21,740,450	No	NE
10	Palmer	Storm Drain for Palmer-Wasilla Hwy Corridor - Study	677211	120	250,000	21,990,450	No	NE
11	Wrangell	Street Sweeper	917131	115	250,000	22,240,450	Yes	No
12	Matanuska-Susitna Borough	Chisana Woods Subdivision Drainage Restoration	561161	115	3,560,000	25,800,450	Yes	Yes
13	Homer	Purchase of New Street Sweeper	409181	115	100,000	25,900,450	Yes	No
14	Wrangell	Landfill Closure	917121	110	647,000	26,547,450	Yes	Yes
15	Matanuska-Susitna Borough	Central Landfill Transfer Site Upgrade	561091	105	835,000	27,382,450	Yes	Yes
16	Matanuska-Susitna Borough	Big Lake Transfer Site Upgrade	561101	105	685,000	28,067,450	Yes	Yes
17	King Cove	Landfill Expansion and Upgrades, Ph. II	487061	105	565,000	28,632,450	Yes	Yes
18	Anchorage	Landfill Equipment Replacement	130731	105	1,169,000	29,801,450	Yes	NE
19	Anchorage	Regional Landfill Cell 7 Partial Closure	130741	105	1,250,000	31,051,450	Yes	NE
20	Anchorage	Anchorage Regional Landfill Cell 8 (revised)	130051	105	8,800,000	39,851,450	Yes	NE
21	Matanuska-Susitna Borough	Central Landfill Cell 2 Closure	561121	100	848,400	40,699,850	Yes	Yes
22	Matanuska-Susitna Borough	Central Landfill Leachate Treatment System	561131	100	1,408,000	42,107,850	Yes	No
23	Matanuska-Susitna Borough	Skwentna Landfill Closure	561141	100	148,500	42,256,350	Yes	Yes
24	Anchorage	Anchorage Regional Compost Facility	130761	100	3,950,000	46,206,350	Yes	NE
25	Juneau	Municipal Solid Waste Materials Recycling Facility	445311	95	6,200,000	53,579,550	Yes	NE
26	Matanuska-Susitna Borough	Central Landfill Composting Facility	561151	95	323,200	46,529,550	Yes	No
27	Matanuska-Susitna Borough	Salted Sand Storage Building Addition	561111	95	850,000	47,379,550	Yes	No
28	Homer	Bridge Creek Watershed Land Purchase	409191	85	340,000	53,919,550	No	NE

* "NE" Not Evaluated

APPENDIX If

ALASKA CLEAN WATER FUND

**GROUP 1 & GROUP 2
NonPoint Source Funding Priority & Planning Lists
Funding Under Part I**

ALASKA CLEAN WATER FUND
Non-Point Source Funding Priority List

**GROUP 1 - ARRA Eligible Projects With Loan Subsidy
 Commitment and Under Construction by June 17, 2009
 (Project Funding Under PART I of the IUP)**

Fiscal Year 2010

System Owner	Project Title	Project Number	Score	Commitment Date	Construction Date	Amount Requested	ARRA Principle Subsidy ¹	ARRA Fongiveness ²	ARRA Non-ARRA Amount (Sub/Fin.)	Cumulative ARRA Non-ARRA Amount	Financed (IUP-Part II)	GREEN Project Eligibility (%) ³	GREEN Available Eligibility Amount ⁴	GREEN Projected Program Amount ⁵
Horner	Purchases of New Street Sweeper	409161	115	8/15/2008	6/17/2009	100,000	90,000	100,000	100,000	100,000	0	0%	0	0

* GREEN PROGRAM TOTAL-GROUP 1: \$0

**GROUP 2 - ARRA Eligible Projects With Loan Subsidy
 Commitment and Construction Contract Signed by January 18, 2010
 (Project Funding Under PART I of the IUP)**

Fiscal Year 2010

System Owner	Project Title	Project Number	Score	Commitment Date	Construction Date	Amount Requested	ARRA Principle Subsidy ¹	ARRA Fongiveness ²	ARRA Non-ARRA Amount (Sub/Fin.)	Cumulative ARRA Non-ARRA Amount	Financed (IUP-Part II)	GREEN Project Eligibility (%) ³	GREEN Available Eligibility Amount ⁴	GREEN Projected Program Amount ⁵
Soldotna	Storm Water Outfall Protection	791211	160	9/17/2009	10/15/2009	1,200,000	1,140,000	1,200,000	1,300,000	0	0	50%	60,000	600,000
Fairbanks, North Star Borough	Solid Waste Landfill Permit Closure	330071	145	10/1/2009	12/1/2009	6,000,000	2,500,000	6,000,000	3,800,000	3,500,000	0	10%	500,000	2,500,000
Wasilla	Replacement Vector Truck	800081	145	7/1/2009	7/1/2009	300,000	285,000	300,000	410,000	0	0	50%	15,000	150,000
Matanuska-Susitna Borough	Point MacKenzie Access Road Drainage Impr. ⁶	561071	130	8/1/2009	9/1/2009	2,750,000	377,179	2,750,000	4,583,400	4,583,400	0	35%	9,177	141,190

* GREEN PROGRAM TOTAL-GROUP 2 (Priority): \$3,391,160

* GREEN PROGRAM TOTAL-GROUP 1 & 2 (Priority): \$3,391,160

¹ Criteria for loan subsidies may be referenced on page 8 under Part I of the IUP, and actual subsidy for a project may be increased upon final determination of an eligible "green" work component.

² The "maximum" \$22,000,000 subsidy cap for projects has been reached for the community under the ARRA grant, unless the project is for combining two separate utility systems into one, the "maximum" is then \$4,000,000. Also, any projects with a "0" amount of loan subsidy due to a community already meeting their "maximum cap" subsidy, or exceeding their \$2,500,000 (\$6,000,000 for a combined system project) maximum ARRA funding total cap (subsidy and interest amounts), will only be funded with funds coming from Part II (non-ARRA funds) of the IUP. In addition, if a project is funded by Part II funds only, affected projects will be funded in order of ranking under projects listed in Group 3.

³ An additional subsidy may be offered if a project has an eligible "green" component. The amount of subsidy determined decreases the amount financed for a project based on the overall percentage of the eligible "green" component. Further explanation of a "green" project may be referenced on page 8 under Part I of the IUP.

⁴ The "Green" available subsidy amounts represents an estimated percentage that reduces an equivalent portion that is financed for the project.

⁵ This total represents the total of "green" projected program utilization. The resulting 20% minimal revenue under the ARRA grant for projects is \$4,161,000.

⁶ Funding of the Matanuska-Susitna Borough - Point MacKenzie Access Road Drainage project will be dependent upon remaining available ARRA funds. If remaining total available funds of \$4,503,400 are insufficient to fully fund the project, the project may receive funding under Part II (non-ARRA funds) of the IUP.

ALASKA CLEAN WATER FUND
Non-Point Source Funding Priority Planning List

GROUP 2 - ARRA Eligible Projects With Loan Subsidy
Commitment and Construction Contract Signed by January 18, 2010
(Project Funding Under PART I of the IUP)

Fiscal Year 2010

System Owner	Project Title	Project Number	Score	Commitment Date	Construction Date	Amount Requested	ARRA Principle Subsidy ¹	ARRA Projected Amount Financed	Cumulative ARRA Non-ARRA Amount (Sub/Fin.)	GREEN Project Eligibility (IUP-Part II)	Cumulative ARRA Non-ARRA Amount (Sub/Fin.)	GREEN Project Eligibility (%) ²	GREEN Project Eligibility (%) ³	GREEN Project Eligibility (%) ⁴
Matanuska Susitna Borough	Regional Resource Recovery & Training Facility	561181 917131 917121 487081	125 115 110 105	6/18/2009 7/1/2009 7/1/2009 9/30/2009	6/24/2009 7/1/2009 7/15/2009 1/15/2010	2,500,000 250,000 647,000 585,000	2,044,185 ² 226,000 598,475 516,975	2,086,800 250,000 7,497,000 585,000	6,800,000 6,850,000 647,000 585,000	403,400 0 0 0	3,903,400 0 0 0	75% 0% 25% 15%	167,785 0 12,131 8,475	1,572,450 0 16,175 84,750

* GREEN PROGRAM TOTAL-GROUP 2 (Planning): \$1,673,376

¹ Criteria for loan subsidy may be referenced on page 8 under Part I of the IUP, and actual subsidy for a project may be increased upon final determination of an eligible "green" work component.

² The "maximum" \$2,000,000 subsidy cap for projects has been reached for the community under the ARRA grant, unless the project is for combining two separate utility systems into one, the "maximum" is then \$4,000,000. Also, any projects with a "yr amount of loan subsidy due to a community already meeting their "maximum cap" subsidy, or exceeding their \$2,000,000 (\$5,000,000 for a combined system project) maximum ARRA funding total cap (subsidy and financed amounts), will only be funded with funds coming from Part II (non-ARRA funds) of the IUP. In addition, if a project is funded by Part II funds only, anecdotal projects will be funded in order of ranking under projects listed in Group 3.

³ An additional subsidy may be offered if a project has an eligible "Green" component. The amount of subsidy determined decreases the amount financed for a project based on the overall percentage of the eligible "Green" component. Further explanation of a "Green" project may be referenced on page 9 under Part I of the IUP.

⁴ This total represents an estimate of eligible "green" project funds being utilized to meet program requirements. The required 20% minimal reserve under the ARRA grant for projects is \$4,581,000.

⁵ This total represents the total of "green" projected program utilization. The required 20% minimal reserve under the ARRA grant for projects is \$4,581,000.

APPENDIX Ig

ALASKA CLEAN WATER FUND

GROUP 3

**NonPoint Source Funding Priority & Planning List
Funding Under Part II**

ALASKA CLEAN WATER FUND
Non-Point Source Funding Priority & Priority Planning Lists

GROUP 3 - ARRA Eligible & Non-Eligible Priority Projects*
ARRA Eligible Projects With No Loan Subsidy
(Project Funding Under PART II of the IUP)
((Group 3 - Priority List Funding Available When IUP Is Finalized))

Fiscal Year 2010

System Owner	Project Title	ARRA			
		Project Number	Score	Amount Requested	Cumulative Amount Requested
Fairbanks North Star Borough	South Cushman Landfill Expansion Cell 3 & 4	339081	160	\$8,000,000	\$8,000,000
Matanuska Susitna Borough**	Central Landfill Cell 3 Phase 2	561081	125	\$550,450	\$8,550,450
Homer**	Storm Water Master Plan	409201	120	\$340,000	\$8,890,450
Palmer**	Storm Water Master Plan	677201	120	\$100,000	\$8,990,450
Palmer**	Storm Drain for Palmer-Wasilla Hwy Corridor - Study	677211	120	\$250,000	\$9,240,450

GROUP 3 - ARRA Eligible & Non-Eligible Planning Priority Projects*
ARRA Eligible Projects With No Loan Subsidy
(Project Funding Under PART II of the IUP)

Fiscal Year 2010

System Owner	Project Title	ARRA			
		Project Number	Score	Amount Requested	Cumulative Amount Requested
Matanuska Susitna Borough	Chisana Woods Subdivision Drainage Restoration	561161	115	\$3,560,000	\$12,800,450
Matanuska Susitna Borough	Central Landfill Transfer Site Upgrade	561091	105	\$835,000	\$13,635,450
Matanuska Susitna Borough	Big Lake Transfer Site Upgrade	561101	105	\$685,000	\$14,320,450
Anchorage	Landfill Equipment Replacement	130731	105	\$1,169,000	\$15,489,450
Anchorage	Regional Landfill Cell 7 Partial Closure	130741	105	\$1,250,000	\$16,739,450
Anchorage	Anchorage Regional Landfill Cell 8 (revised)	130051	105	\$8,800,000	\$25,539,450
Matanuska Susitna Borough	Central Landfill Cell 2 Closure	561121	100	\$100,000	\$25,639,450
Matanuska Susitna Borough	Central Landfill Leachate Treatment System	561131	100	\$100,000	\$25,739,450
Matanuska Susitna Borough	Skwentna Landfill Closure	561141	100	\$100,000	\$25,839,450
Anchorage	Anchorage Regional Compost Facility	130761	100	\$3,950,000	\$29,789,450
Juneau	Municipal Solid Waste Materials Recycling Facility	445311	95	\$6,200,000	\$35,989,450
Matanuska Susitna Borough	Central Landfill Composting Facility	561151	95	\$100,000	\$36,089,450
Matanuska Susitna Borough	Salted Sand Storage Building Addition	561111	95	\$100,000	\$36,189,450
Homer	Bridge Creek Watershed Land Purchase	409191	85	\$340,000	\$36,529,450

* Criteria for eligible ARRA loan projects may be referenced on page 8 under Part I of the IUP.

** Funding of these priority listed projects will be dependent upon remaining available Part II funds reserved (\$3,500,000) for Group 1 and Group 2 projects that are insufficient to completely fund a project with ARRA funds. Total available funding for Group 3 non-point source projects under Part II of the IUP is \$9,231,027. The Palmer -Storm Drain for Palmer-Wasilla Hwy Corridor - Study project which exceeds the total available funding will be negotiated to offer partial funding until additional funds become available.

*** Did not meet ARRA eligibility criteria dates for commitment and/or construction/purchase, or is a planning/study/design project, or is refinancing costs prior to October 1, 2008, or the project was moved to the Group 3 list from a Group 1 or 2 list due to other community/system higher ranked projects receiving maximum ARRA funding (note - these moved projects could potentially still receive ARRA funding if the community/system ARRA maximum funding is not reached.)

APPENDIX III

ALASKA CLEAN WATER FUND

Scoring Distribution of ACWF Projects

Alaska Clean Water Fund
Project Descriptions
Fiscal Year 2010

ANCHORAGE

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						TOTAL
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	
86th-Golden-Jewel Sewer Upgrade	130631	NE	212	0	100	5	20	15	10	15
This project, located on West 86th Ave., between Golden St. and Jewel Lake Rd., will replace two manholes as well as 446 feet of 8-inch and 30-inch AC pipe. The existing main has two areas with bellies that collect grease, causing blockage in the main. One belly area also has a shear break. The existing pipe is on an accelerated cleaning schedule until the project can be completed.										165
Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						TOTAL
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	
8th-9th Karluk-Juneau Sewer Upgrade	130641	NE	212	0	100	5	20	15	10	15
This project, located in the Anchorage Bowl in the 8th-9th Alley between Karluk and Juneau, will potentially use CIIPP for approximately 300 ft of 8" concrete pipe with heavy root penetration. This root penetration is believed to have caused a blockage in 2003, therefore this pipe will be placed on an accelerated cleaning schedule until repairs can be made.										165
Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						TOTAL
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	
Asplund Disinfection Study & Upgrade	130601	NE	212	0	100	5	20	15	20	15
The J.M. Asplund Wastewater Treatment Facility operates under a 301(h) variance from the secondary treatment requirements of the federal National Pollutant Discharge Elimination System (NPDES) regulations. The existing disinfection system utilizes gaseous chlorine fed from 2000 pound cylinders through 2 chlorinators with a minimum and maximum feed rate of 500 pounds per day and 16,000 pounds per day respectively. The focus of this project will be to evaluate the existing disinfection system as well as update the AWWTF Risk Management Plan and outline a set of recommended improvements, at AWWTF.										175

ANCHORAGE (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay		
Asplund Generator Upgrade	130571	NE	212	0	100	5	50	15	20	15	205

This project will replace the motor control center and other equipment in the electrical room at the Asplund Wastewater Treatment Facility. In addition, a new backup generator that is capable of handling the electrical load of the facility will be installed. The intention is to purchase a generator large enough to run the entire treatment plant in case of an emergency power outage.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay		
AWWU Ops Control System	130701	NE	212	0	100	5	0	15	10	15	145

Provide a single uninterruptible power source (UPS) for all critical equipment associated with treatment, collections, and distribution operations inclusive of the Emergency Operations Center (EOC).

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay		
Benson Dawson-Cheechako Sewer Upgrade	130621	NE	212	0	100	5	20	15	10	15	165

Approximately 660 feet of 8" AC sewer pipe needs upgrading. The pipe runs south of Benson in an easement between Dawson St. and Cheechako St. to manhole 1630-015, and condition assessment shows the bottom of pipe has been worn through from continued cleaning over the years. The bottom of most of the joints have been worn through and there are two areas with sagged pipe between manholes 1630-14&15.

ANCHORAGE (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
C-2 (A,B) Sewer Improvements	130721	NE	212	0	200	10	20	15	10	15	270

INCREASE TO EXISTING LOAN #127651 - This project is currently under construction and will upgrade approximately 2,600 LF of existing 15"-21" CMP in the C-2 (A) area and approximately 1,900 LF of existing 21" CMP in the C-2 (B) area. The existing corrugated metal pipe (CMP) segments of the trunk line in Sand Lake were installed in 1965 and a condition assessment indicates that this line has corrosion, and other deficiencies including joint separation, infiltration, differential settlement, and obstructions. The project alignment is located along Jewel Lake Rd and Elderberry Street between Caravelle Drive and W. 88th Ave. Sections of sewer trunk that have settled or collapsed will be excavated and replaced. The CMP trunk lines are being rehabilitated by installing a cured-in-place liner.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Chester Creek (B-5, B-6)	130611	NE	212	0	100	5	20	15	10	15	165

A portion of the B-5 sewer trunk will be upsized from Latouche Street east to Lake Otis for a length of approximately 4430 LF. The existing pipe is 18-inch AC and would be increased to 20-inch HDPE by a use of a trenchless method. A portion of the B-6 trunk from Minnesota to Spenard will be upgraded by lining the existing 24-inch pipe utilizing a trenchless method. Increase capacity of the B-5 trunk segment between Latouche and Lake Otis, and upgrade a segment of the B-6 trunk under Minnesota Drive.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Cope-Dorbrant Sewer Upgrade	130691	NE	212	0	100	5	50	15	20	15	205

This project consists of the study, design, and construction for the replacement of approximately 689 feet of 8-inch asbestos cement pipe with 738 feet of contractor furnished and installed 8-inch ductile iron pipe. The work also includes furnishing and installing four Type A manholes, disconnection and reconnection of fourteen sanitary sewer services, and related activities and appurtenances including demolition and reconstruction of personal property, maintenance of sewer and other utility service to the adjoining properties, coordination of relocations of other utilities with the respective utility owners, traffic control, and the restoration of the project site.

ANCHORAGE (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
E 71st Ave Sewer Upgrade	130561	NE	212	0	100	5	20	15	10	15	165

This project will upgrade approximately 534 feet of 8-inch pipe to address recurring maintenance problems.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Eagle River Wastewater Treatment Facility Improvements	130561	NE	212	0	100	10	50	15	20	15	210

Increase request includes \$650K rollover request from FY09 IUP. This Eagle River Wastewater Treatment Facility project provides funding for updating the Facility Plant. The project will evaluate existing facilities and future expansion, including alternative treatment technologies. Also included will be replacement of the roof on the ERWWTF Building One.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Girdwood Wastewater Treatment Facility	130541	NE	212	300	220	5	20	15	20	15	595

The Girdwood Wastewater Treatment Facility was originally constructed in 1978 and has nearly reached the end of the plant's useful life. This project will include various upgrades to the Girdwood Wastewater Treatment Facility and the construction of a new Girdwood Wastewater Treatment Facility. A draft process selection report has been completed, and an Environmental Assessment and Preliminary Design Report are being proposed.

ANCHORAGE (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Iris Way Sewer Upgrade	130711	NE	212	0	0	5	20	15	10	15	65

This project will upgrade an existing 8-inch sanitary sewer to 24-inch to accommodate projected growth in the Powder Reserve development as was identified in the 2006 Wastewater Master Plan.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Loussac Drive Capacity Increase	130681	NE	212	0	100	5	20	15	10	15	165

This project will upgrade approximately 560 feet of 8- to 12-inch pipe on Loussac Dr. that has insufficient capacity. Loussac Dr. is located in the Fish Creek estuary greenbelt and will require extensive coordination with resource and permitting agencies.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Midtown Sewer Upgrade	130671	NE	212	0	100	5	20	15	10	15	165

This project will upgrade approximately 5,406 feet of 8- to 16-inch pipes to address recurring maintenance problems. These older pipes need to be replaced to address pipe shifting that causes grade and related flow problems.

ANCHORAGE (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Pump Station 10 Upgrade	130591	NE	212	0	100	5	50	15	20	15	205

The Pump Station 10 Upgrade work consists of three 30 HP submersible pumps in a reinforced concrete wet well; control valves in a reinforced concrete valve vault; a natural gas-fired emergency generator in a generator building; approximately 470 LF of dual 10-inch DIP sanitary sewer force main; approximately 1,200 LF of 12-inch DIP gravity sewer pipe; 8 sanitary sewer manholes; approximately 670 LF of 8-inch DIP water pipe; 2 single pumper fire hydrant assemblies; approximately 470 LF of 18-inch CPEP storm drain pipe; approximately 930 LF of 12-inch CPEP subdrain pipe; 10 storm drain and subdrain manholes; 1 catch basin manhole; 2 catch basins and leads; a subdrain pump station with a 5 HP submersible pump; approximately 400 LF of dual 4-inch DIP subdrain force main, approximately 2,500 SY of AC paving; landscaping; and other related miscellaneous appurtenances.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Pump Station Upgrades	130581	NE	212	0	100	5	50	15	20	15	205

This project is to be designed and constructed in two phases. Design of Phase I is complete. It included preparing construction documents for upgrade of Lift Stations 21, 27, and 52. Design of Phase II is under way and scheduled for construction in 2010. Phase II design includes Lift Stations 13 and 53. The over all project intent is for investigation, design, and construction of AWWU Pump Lift Stations 13, 21, 27, 52, and 53 for necessary upgrades. The electrical, mechanical, and structural components of these stations are reaching their design life and need replacement. The project intent is to eliminate bypass overflows, consolidate electrical functions, upgrade stations for code compliance, review stations for maintenance problems and provide recommendations for improvement, standby or emergency power upgrades, and other work as discovered.

ANCHORAGE (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						TOTAL	
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay		
Septage Improvements, Phase II	130551	NE	212	200	100	5	30	15	20	15	385

This project will include an assessment, design, and construction at both Turpin Street and King Street facilities covering site drainage, odor control measures, electrical system underground conduits and related appurtenances, and methods of measurement for discharge into each facility. It will also include: converting the electric service provider from single phase to three phase at the Turpin Station; provide odor control at the Turpin station; grit removal facility at the Turpin Station; volumetric measurement systems at both stations; auto sampling equipment at both stations; a small building to house volumetric measurement equipment and auto sampling equipment and possible paving of the access road to the King Street station.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						TOTAL	
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay		
Wonder Park Sewer Upgrade	130681	NE	212	0	100	5	20	15	10	15	165

This project will upgrade approximately 620 feet of 8-inch pipe to 10-inch pipe that has insufficient capacity.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	TOTAL	
Landfill Equipment Replacement	130731	NE	319	60	10	5	10	20	105	

Replace two(2) tanker trailers used for hauling leachate to the POTW, replace three waste transfer tractor / trailers.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 30), "Provide educational, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met." Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

ANCHORAGE (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	
Regional Landfill Cell 7 Partial Closure	130741	NE	319	60	10	5	10	20	105

This project will construct a perimeter stormwater drainage ditch to collect and control runoff from capped landfill slopes and convey drainage to stormwater ponds. Also, included will be a gas collection header to convey landfill gas from existing collection features in Cell 7 to the Gas Collection and Control System.

How this project Implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 31), the need to upgrade failed community landfills to ensure leachate control and water quality concerns are met. Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	
Anchorage Regional Landfill Cell 8 (revised)	130051	NE	319	60	10	5	10	20	105

This project will construct a liner and leachate management systems for an expansion cell at the landfill site. The new cell is anticipated to cover approximately 19 acres. The cell will be lined with a composite liner system comprised of high density polyethylene (HDPE) membrane backed by a geosynthetic clay liner. Existing leachate conveyance will be extended from Cells 6 and 7 and shall include HDPE piping as well as a gravel transmission layer. An operations layer will be provided to protect all components.

How this project Implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 30), "Provide educational, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met." Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

ANCHORAGE (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria				
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.
Anchorage Regional Compost Facility	130761	NE	319	60	5	5	10	20

Funds would be used to construct a regional compost facility. The facility would divert 25,000 tons of waste from the Anchorage landfill per year, extending its useful life. Compost products could be used for erosion control projects and can be used in place of chemical fertilizers, reducing pollutant loading in surface water runoff.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 30), "Provide educational, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met." Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

CRAIG

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				P. Health	W.Q.	R.W.	L. Init.	Funding	
Port St. Nicholas Gravity Sewer	261131	Yes	212	0	100	10	50	15	10

This project will install a new gravity wastewater main in the Port St. Nicholas Road. The proposed new gravity main will eliminate inflow and infiltration from a nearby private wastewater collection system, and provide capacity to serve new residential areas.

FAIRBANKS NORTH STAR BOROUGH

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				P. Health	W.Q.	R.W.	L. Init.	Funding	
Growden Park Sewer Upgrade	339061	Yes	212	0	100	10	0	0	15

This project will design and construct a new wastewater collection system for the Growden Park. Growden Park consists of a baseball stadium for amateur college baseball players surrounded by picnic and playgrounds areas.

FAIRBANKS NORTH STAR BOROUGH (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria				TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	
South Cushman Landfill Expansion Cell 3 & 4	339081	No	319	100	15	5	20	160

Landfill Expansion Project - Cell 3 & 4

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 30), "Provide educational, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met." Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria				TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	
Solid Waste Landfill Partial Closure Project	339071	Yes	319	100	10	5	10	20

This project will provide planning, design and construction for a partial closure of the construction debris landfill and municipal solid waste cell #1. The project will include gas collection and disposal, leachate recirculation system, and final closure cover and storm water drainage system.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B7, pg. 31), the need to upgrade failed community landfills to ensure leachate control and water quality concerns are met. Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

HOMER

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Sanitary Sewer Rehabilitation	409141	Yes	212	0	100	5	20	0	10	15	150

This project consists of identifying sewer mains with potential infiltration and structural integrity problems and slip-lining them to correct deficiencies. The main focus will be the Ocean Drive sewer main (highly corrosive wastewater) and the East and West Trunk; especially areas with brittle asbestos cement (AC) pipe. In addition, the Bay Avenue sewer lift station wet well will also be replaced.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
STP Bio-Solids Treatment Improvements	409161	Yes	212	0	100	5	20	0	10	10	145

This project consists of a sewer treatment plant building expansion to house new mechanical sludge de-watering equipment providing adequate capacity to treat and dispose of sludge. The existing sludge treatment lagoon will be transformed into a sewer flow equalization basin to allow peak wastewater flows to be stored and released to the plant during low flow periods (eliminating AKDPES violations).

An anaerobic digester would be installed in order to abandon an existing sludge lagoon and create a new wastewater stabilization basin. The anaerobic digester could be a source of energy recovery.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Kachemak Drive Sewer Phase II Construction	409171	Yes	212	200	100	10	20	15	20	10	375

This project consists of installing 77,500 linear feet of 8 inch sewer line and a new sewer lift station.

HOMER (Continued)

Project Name		Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
W. Quality	Local Init.				F. Coord.	Repay	NPS Strat.			
Purchase of New Street Sweeper	409081	Yes	319		60	0	5	10	40	115

The City of Homer has budgeted \$50,000 for replacing our street sweeper. The intent was to purchase another used mechanical sweeper. With the additional funds requested, the City would purchase a new vacuum sweeper capable of more effectively removing winter sand and sediment from the streets.

How this project Implements Alaska's Nonpoint Source Strategy: Alaska's Strategy identifies support for local watershed protection efforts as an objective (page 29). This project addresses components of local watershed protection including control of stormwater runoff, and restoration of a sediment impaired creek (page 83).

Project Name		Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
W. Quality	Local Init.				F. Coord.	Repay	NPS Strat.			
Bridge Creek Watershed Land Purchase	409191	No	319		60	0	5	10	10	85

Development (construction of structures, roads and utilities) within the watershed negatively impact water quality. As water quality deteriorates, treatment becomes more difficult, costs increase, and the potential for treated water to exceed standards for drinking water increases.

How this project Implements Alaska's Nonpoint Source Strategy: Alaska's Strategy identifies support for local watershed protection efforts as an objective (page 29). This project addresses components of local watershed protection including control of stormwater runoff, and restoration of a sediment impaired creek (page 83).

HOMER (Continued)

Project Name	Project Number	Green Project Eligible (Yea/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	
Storm Water Master Plan	409201	No	319	60	10	0	10	40	120

Development (construction of structures, roads and utilities) within the watershed negatively impact water quality. As water quality deteriorates, treatment becomes more difficult, costs increase, and the potential for treated water to exceed standards for drinking water increases.

How this project implements Alaska's Nonpoint Source Strategy: Alaska's Strategy identifies support for local watershed protection as an objective (page 29). This project addresses components of local watershed protection including control of stormwater runoff, and restoration of a sediment impaired creek (page 83).

JUNEAU

Project Name	Project Number	Green Project Eligible (Yea/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL		
				P. Health	W.Q.	R.W.	L. Init.	Funding			
West Mendenhall Valley Sewer Extension - Phase 3	445231	NE	212	300	220	10	50	15	20	15	630

This project will continue the extension of centralized sanitary sewer collection and treatment to the West Mendenhall Valley, specifically to Pederson Hill, the Mendenhall Peninsula residential areas, and a connection to Auke Bay. This project phase will involve a gravity sewer main extension from Sherwood Drive to the top of Pederson Hill, sewer service laterals to adjacent properties including Hamilton Street and Wilma Avenue, and a pressure main with pump station at Auke Lake near Fritz Cove Road. The system extension is necessary to discontinue use of private on-site sewage treatment plants in the area.

JUNEAU (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	
Municipal Solid Waste Materials Recycling Facility	445311	NE	319	50	10	5	10	20	95

Development of an MSW material recycling facility is required to extend the operational life of the existing landfill. This program is expected to add at least 10 additional years to the landfill's useful life by the removal of recyclable materials from the landfill bound waste stream. The program requires purchase of 5 automated recycling collection vehicles, a high capacity material baler, bale handling equipment, and a new building for materials receiving, handling, and transfer. The CBJ's current voluntary recycling programs process less than 5% of the community's solid waste tonnage (30,000 TPY). Through a program of universal trash service, incentive based recycling, and single stream collection of recyclable materials it is expected that the recycle volume can be increase 30 to 40%.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 30), "Provide educational, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met." Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				P. Health	W.Q.	R.W.	L. Init.	Funding	
Sludge Incinerator Replacement Project	445301	NE	212	0	100	10	0	0	10

The City & Borough of Juneau uses a fluidized sand bed incinerator to dispose of the community's sanitary sewer sludge. The existing incinerator was constructed in 1992 and handles 8,400 tons of sludge annually. An incinerator condition inspection was conducted by the licensed manufacturer of the system (Infilco-Degremont) in the fall of 2008. The inspection revealed that while the incinerator was in reasonably good shape for its age, the unit has an estimated remaining operational life of 3 to 5 years. While the CBJ is investigating implementation of new technologies for biomass reduction and more efficient sludge handling processes, the existing incinerator must be replaced within the next 5 years. If sludge reduction measures are possible, a smaller incinerator may be utilized. Due to the continuous flow of sludge requiring incineration, the existing unit must remain in operation and cannot be replaced. A new parallel incinerator utilizing the existing feed and control systems is currently being considered.

KENAI

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Kenai Bridge Access Road Sewer Main	475051	Yes	212	200	100	10	20	10	0	10	350

Construction of approximately 7,000 lineal feet of gravity collection main, approximately 3,500 lineal feet of force main, a lift station and other related improvements.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Wastewater Treatment Plant Upgrades	475041	Yes	212	0	100	5	20	15	0	15	155

This project will replace the old belt filter press, digester blowers and basin blowers.

KETCHIKAN

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Jackson St./4th/7th Avenues Sewer	481081	Yes	212	0	200	5	20	15	10	10	260

This project will install 2,760-feet of 8-inch and 16-inch water main along Jackson Street between Fourth Avenue and Madison Street, a portion of Monroe Street, and along Fourth Avenue to the Madison Street intersection. In addition, install 720-feet of 16-inch water main and 3,000-feet of 8-inch sewer main along Seventh Avenue between Jackson and Madison Streets. This will be a segment of a multi-year program jointly developed by KPU and General Government to replace substandard, defective utilities simultaneously whenever possible. Existing water and sewer mains along with storm drains will be replaced using modern, non-corrodible plastic materials.

KETCHIKAN (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Tongass Avenue Sewer Replacement Phase II	481071	Yes	212	200	220	5	50	15	20	10	520

This project will replace 2,230-feet of 10-inch cast-iron water mains, 1,175 feet of 20-inch sewer force main and 3,105 feet of gravity sewer lines in Tongass Avenue. This will be the second segment of a multi-year program jointly developed by KPU and General Government to replace substandard, defective utilities simultaneously whenever possible. Existing badly corroded water and sewer mains will be replaced using modern, non-corrodible plastic materials. Both the water and the sewer force mains have reached the end of their useful service life and have had numerous failures. Stainless wrap-around repair failure points as they crop up, but the remainder are badly pitted throughout due to electrolytic corrosion. The gravity sewer mains have been inspected through the use of television cameras and are also identified as being in very poor condition allowing major infiltration and inflow (I&I) into the wastewater system.

KING COVE

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Downtown Wastewater System Upgrades	487051	NE	212	0	100	5	20	0	10	10	145

The City of King Cove's downtown wastewater system is approximately 30 years old. A recent wastewater master plan has documented major safety issues with the existing system and a number of system components that need to be replaced or upgraded. This project would implement some of the improvements detailed in the master plan including replacing an unsafe lift station.

KING COVE (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	
Landfill Expansion and Upgrades, Ph. II	487061	Yes	319	60	10	5	10	20	105

This project would complete Phase 2 of the Landfill Improvements project including expanding the landfill and installing an incinerator in order to increase the lifespan of the existing landfill.

How this project Implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (U/R-B, pg. 30), "Provide educational, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met." Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

KODIAK

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL		
				P. Health	W.Q.	R.W.	L. Init.	Funding			
Aleutian Homes Sewer Replacement Phase III	501161	NE	212	200	100	10	20	15	20	5	370

This project will replace 630 feet of AC sewer main that is over 50 years old. In addition it will extend the sewer main roughly 900 feet to provide sanitary sewer service to the new UV Water Treatment Facility on Pilar Mountain Road. The project is currently being designed by DOWL Engineers. We will also be replacing roughly 700 feet of AC water main with new DIP and the existing storm drainage system.

MATANUSKA SUSITNA BOROUGH

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	
Central Landfill Cell 3 Phase 2	561081	Yes	319	60	15	10	20	20	125

This project will construct the second phase of the second lined cell at the Central Landfill. This construction will involve bringing the cell to the design grades for the proper operation of the leachate collection system, installation of the liner system, piping and all testing required by Alaska State Statute. This lined cell will have a design capacity of at least 6 years.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 30), "Provide educational, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met." Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	
Central Landfill Cell 2 Closure	561121	Yes	319	60	10	0	10	20	100

This project will close the side slopes and a portion of the top elevations of Cell 2 at the Central Landfill. This will involve installation of geosynthetic clay, a silt barrier and vegetative layer to prevent precipitation from entering the landfill cap.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B7, pg. 31), the need to upgrade failed community landfills to ensure leachate control and water quality concerns are met. Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

MATANUSKA SUSITNA BOROUGH (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria				
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.
Central Landfill Composting Facility	561151	Yes	319	60	5	0	10	20
								95

This project would construct a full scale organic waste composting system for the Matanuska Susitna Borough. This will involve the construction of retention pads and a covered area for the processing and storage of compost. It will also allow for all compost equipment to be hooked up to electric power. This program will serve a dual purpose in that it will divert a large majority of our organic waste away from the landfill but will also produce a significant amount of the organic material needed for the vegetative layer in our landfill closure plan.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 30), "Provide educational, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met." Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria				
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.
Central Landfill Transfer Site Upgrade	561091	Yes	319	60	10	5	10	20
								105

This project will allow us to construct and enclose a tipping floor at the Central Landfill. The structure would consist of extending the current roof and construction of two exterior side walls.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 30), "Provide educational, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met." Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

MATANUSKA SUSITNA BOROUGH (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	
Big Lake Transfer Site Upgrade	561101	Yes	319	60	10	5	10	20	105

This project will construct and enclose a tipping floor at the Big Lake Transfer Site. The structure would consist of extending the existing roof line and constructing two exterior walls and a tipping floor.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 30), "Provide educational, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met." Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	
Central Landfill Leachate Treatment System	561131	Yes	319	60	5	5	10	20	100

This project will construct a system for containing, evaporating and recirculating landfill leachate at the Central Landfill. This will entail the installation of leachate recirculation piping into portions of the lined landfill cells as well as pumping and metering equipment. We will also add additional leachate storage and retention capacity and purchase a system for evaporating the leachate.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 30), "Provide educational, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met." Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

MATANUSKA SUSITNA BOROUGH (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	
Skwentna Landfill Closure	561141	Yes	319	60	5	5	10	20	100

This project will close the existing Skwentna landfill site and will convert the existing site into a facility where waste can be transported by barge in containers. This will involve covering the existing site with cover material and revegetating the area and providing an area to stage dumpsters that will be transported by barge and by truck to the Central Landfill.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (U/R-B3, pg. 31), the need to upgrade failed community landfills to ensure leachate control and water quality concerns are met. Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	
Chisana Woods Subdivision Drainage Restoration	561161	Yes	319	60	10	5	0	40	115

Over the past several years, a large accumulation of surface water appears during the Fall and the Spring at the intersection of W. Klutina Drive and W. Hollywood Drive in Big Lake, Alaska. The impacts of this is that surface water has backed up and flooded, which has made roads impassable and ultimately deteriorated existing road prisms. Additionally, there have been instances of water problems in the basements of homes that are in the vicinity of this intersection. Additionally, when the roads flood, they directly affect the health and safety of our residents.

The proposed project will acquire a drainage easement and construct a drainage way that mimics a natural water course bottom with rocky and vegetated side slopes.

How this project implements Alaska's Nonpoint Source Strategy: Alaska's Strategy identifies support for local watershed protection efforts as an objective (page 29). This project addresses components of local watershed protection including control of stormwater runoff, and restoration of a sediment impaired creek (page 83).

MATANUSKA SUSITNA BOROUGH (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	
Point Mackenzie Access Road and Drainage Improvement	561071	Yes	319	60	10	10	10	40	130

This project will reduce the grade of the road and improve water drainage; actions that are critical to the safety of truckers, dock workers, and future ferry commuters, especially during the winter when conditions are particularly hazardous and seeping water glaciates the road.

How this project implements Alaska's Nonpoint Source Strategy: Alaska's Strategy identifies support for local watershed protection efforts as an objective (page 29). This project addresses components of local watershed protection including control of stormwater runoff, and restoration of a sediment impaired creek (page 83).

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	
Salted Sand Storage Building Addition	561111	Yes	319	60	5	10	10	10	95

This building is used to store the salted sand for winter maintenance under roof so that the calcium chloride does not leach out of the sand from water saturation. We want to double the size of the existing building and add a radial material stacker to more efficiently move the sand into the building and minimize the amount being stored out side of the building. This sight has in the past had ground water contamination from this type of leaching action, and MSB Landfill has experienced high levels of calcium chloride in the landfill monitoring wells.

How this project implements Alaska's Nonpoint Source Strategy: Alaska's Strategy identifies support for local watershed protection efforts as an objective (page 29). This project addresses components of local watershed protection including control of stormwater runoff, and restoration of a sediment impaired creek (page 83).

MATANUSKA SUSITNA BOROUGH (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Sludge Storage Cell Construction	561171	Yes	212	0	100	5	0	0	10	10	125

Construction of a lined sludge storage cell at the Talkeetna Sewage Lagoon site for holding and processing of dredged sludge from three holding cells. This project would allow the Utility to dredge the lagoons on a regular schedule and retain the dredged materials on site until sufficiently processed for hauling and disposal in the MSB Solid Waste Landfill Facility. This Project would also purchase a Sludge Measuring Device (Sludge Judge), and 16 foot flat bottom boat to use as a work platform, a sewer lagoon suction dredge for the actual dredging operation along with enough pumps and pipe to move the materials into the Holding Cell. The last thing is the purchase of a backhoe to facilitate the processing and drying of the sludge.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	TOTAL	
New Regional Resource Recovery & Training Facility	561181	Yes	319	60		15	10	20	20	125

This building project will house a waste reduction program operated by the Valley Community for Recycling Solutions (VCRS) a 501 (C)3 non-profit organization partnering with the Mat-Su Borough for the benefit of the MSB and the communities connected along the Glenn, Parks, & Richardson Highways. Architectural Design is 100 percent complete.

The new Regional Resources Recovery and Training Facility will have an overall size of 23,611 square feet, consisting of 13,566 square feet for Processing, 4,838 square feet for Storage, 2,600 square feet for Mechanical, and 2,607 square feet for Administration. The building will have many Sustainable features on the project to include: sitting for wind and sun, use of natural contours, natural day lighting, etc. Additionally, it is designed to be a zero waste, zero net energy facility and will serve as a demonstration project for education, energy efficient systems, and alternate energy systems. The new building is pursuing a Gold certification level of LEED (Leadership in Energy and Environmental Design), which promotes whole-building practices and energy efficiency. The building will be one of the first LEED-certified projects in the Mat-Su Valley and one of the first Gold level certifications in Alaska. In addition to the recycling part of VCRS's mission, they will continue to provide educational outreach for schools, residents and businesses, promote wise waste management and promote the benefits of the three R's (reduce, reuse, and recycle).

How this project Implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 30), the need to provide educational, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met. Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

MATANUSKA SUSITNA BOROUGH (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				P. Health	W.Q.	R.W.	L. Init.	Funding	
Talkeetna Sewer System I & I Study & Upgrades	633191	Yes	212	0	100	10	0	0	10 5 125

The Utility experiences high water flows through the system during and after rain storm events and in the spring during break up. We have determined through manhole observations that we believe that the entire system needs to be examined to isolate and identify the areas that experiences the Inflow and infiltration. It is anticipated that a down hole tractor camera and a jet rod sewer vac trailer mounted unit would be purchased to support this project and future operations of the system.

NORTH POLE

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				P. Health	W.Q.	R.W.	L. Init.	Funding	
Sludge Removal	633171	Yes	212	0	100	10	20	0	10 15 155

The City of North Pole uses four aerated lagoons connected in series to biologically treat its municipal and industrial wastewater. Each lagoon's capacity is 5 million gallons. The wastewater treatment lagoons periodically require the utility to remove the accumulated sludge to ensure the effective and efficient operation of the lagoons. The utility plans to use a contractor to remove the sludge. The preferred method under consideration is pumping the sludge into large fabric bags located on the dikes of the lagoons. The sludge is retained in the bags while the wastewater flows back into the lagoons. Based upon sludge testing, the regulated pollutants in the sludge should allow land application. Should the concentration of pollutants be above regulated levels, the sludge will have to be disposed in a landfill or treated as hazardous waste, which will increase the cost of sludge disposal. Part of the utility's plan is to implement ongoing sludge removal from this point forward. Removal of the accumulated sludge should improve the effectiveness of the treatment lagoons and increase the treatment work's capacity. With adequate resources, the utility can conduct its sludge removal during the summer of 2009.

NORTH POLE (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						Afford.	TOTAL
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay		
Utility Garage	633181	Yes	212	0	0	10	0	15	0	10	35

With funding the City of North Pole will use a design-build approach to build an approximate 5000 to 6000 square foot utility garage and maintenance building. The facility will be an on-slab pre-fabricated steel building. The need for the facility is to park utility vehicles and equipment in warm space and provide workspace for utility maintenance activities. Such a heated space is especially critical during the seven-month long winter season. The utility currently lacks adequate heated space to perform routine and emergency repair and maintenance activities. Lack of adequate heated space has discouraged the utility from purchasing a needed jet-vac truck and emergency generators that must be parked in heated space. Because the utility garage is a relatively simple structure, the utility will use a design-build approach. This approach will permit rapid construction of the facility that will allow construction of the facility to begin in summer 2009.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						Afford.	TOTAL
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay		
Jet-Vac Truck	6331671	Yes	212	0	100	10	20	15	10	15	170

The City of North Pole utility needs a jet-vac truck for routine operation and maintenance functions and emergency pumping and thawing frozen sewer lines. The utility has a small tow-behind vac unit that is aging and has very limited tank capacity. The utility also has an aging jet truck that is in need of major repairs. For significant pumping and vacuuming jobs, the utility must contract with private companies. Over the past four years the City has experienced sewer line freeze-ups, lift station failures, and other sewer-line problems where it has had to hire private pumping companies that have cost the utility almost \$80,000 in fees. In periods when local pumping contractors are their busiest, typically extended winter cold spells, the utility is not assured of on-demand service to respond to emergencies. A utility-owned jet-vac truck has a projected pay-back of between 5 to 10 years depending upon system demands and the final cost of the vehicle. Because of the nature of this project, the utility could purchase this vehicle in 2009.

NORTH POLE (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL		
				P. Health	W.Q.	R.W.	L. Init.	Funding			
Industrial Force Main	633211	Yes	212	0	100	10	0	15	10	10	145

North Pole's industrial park is an important energy center for the City, the Interior and the State of Alaska. Flint Hills and Petro Star Refineries produce home heating oil, jet fuel and other essential petroleum products. Golden Valley Electric's three North Pole power plants (60 megawatts each) provide electricity to meet demand in the interior power grid. Eielson Air Force Base and Forts Wainwright and Greely get 100% of their fuels from North Pole's Refineries. Fairbanks Airport gets 100% and Anchorage Airport gets 50% of their aviation fuel from North Pole's refineries. Heating oil, other fuels and petroleum products made at the refineries are essential to the economic activity of the Interior and State. The Alaska Railroad generates almost 30% of its revenue from hauling fuels produced in North Pole. The businesses in the industrial park contribute approximately 25% of the flow to the City's wastewater treatment plant. The industrial waste water flows through a circuitous path of over 6000 feet of force and gravity mains. A more direct route of approximately 3000 feet of force main is planned. The industrial force main project is essential to promote expanded industrial development in the industrial park. Due to the volume of flow through the existing force main, there is limited excess capacity that may limit future residential development along the main's path. This project could be engineered and bid in 2009 for construction to occur in 2010.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL		
				P. Health	W.Q.	R.W.	L. Init.	Funding			
Sewer Lift Station Renovation	633151	Yes	212	200	220	10	20	15	0	10	475

North Pole's 15 sewer lift stations are weak link in the aging sewer utility infrastructure. The City has committed internal resources to renovate in summer 2009 two lifts stations in greatest need of repair—one serving the industrial park and a second that is repeatedly experiencing pump failures. Part of this project involves development of standardized designs and selection of pump "families" and uniform electronic control systems that should help reduce the cost of future lift station renovations. This leaves 13 other lift stations in need of renovation. It is estimated that the cost to renovate a lift station will range from \$250,000 to \$350,000, depending upon unique features of each lift station. The City is seeking a loan to finance its five-year plan to renovate the remaining lift stations. Part of this plan is to standardize as much of the design and components in the lift stations to reduce costs, simplify operations, and reduce the inventory of spare parts. The current assemblage of lift stations has limited standardization making for less efficient. Without an infusion of resources from either loans or grants, the five-year plan to renovate all of the lift stations may be stretched out 10 years or longer. Such a lengthened timeline increases the probability that one of the lift stations will experience a major failure leading to loss of service and possible contamination issues.

NORTH POLE (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						TOTAL
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	
Sewer Main and Manhole Rehabilitation	633201	Yes	212	0	100	10	20	15	10	150

There is approximately one mile of aging sewer pipe and associated manholes in the City of North Pole installed in the 1970s from a material prone to leaking. This proposed project will reline the sewer pipe and re-grout leaking manholes to prevent infiltration of groundwater and leakage of wastewater. Groundwater infiltrates the sewer system and enters the wastewater treatment plant reducing the plant's capacity to accept residential, commercial, and industrial wastewater. An engineering firm conducted a city-wide utility analysis in 2005 and estimated infiltration into the wastewater stream to be 130,000 gallons per day, as much as 40% of the total daily wastewater stream. Reduction of infiltration into the wastewater stream could reduce treatment costs and expand the life of the City's wastewater treatment works. The water table in North Pole rises and falls with the seasons, highest during breakup and the summer and lower in the winter. When the water table is high, infiltration is at its greatest. In sewer mains above the water table and portions of cracked manholes above the water table, sewage leaks out of the system and contaminates the surrounding soil. The project will slip line sewer pipes with a technology that will not require excavating streets to replace existing pipes. Damaged manholes will be pressure grouted to repair cracks. Some excavation may need to occur for the manhole renovation phase of the project.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						TOTAL
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	
Wastewater Treatment Plant Engineering Study	633221	NE	212	0	100	10	20	15	10	150

North Pole's Waste Water Treatment Plant (WWTP) is a critical infrastructure facility for the City and the State. The facility is over 20 years old, which is beyond its design life. The WWTP serves the City and supports economic development in the Interior, statewide and contributes to national security. Flint Hills and Petro Star Refineries and Golden Valley Electric (GVEA) facilities discharge to the City's WWTP, contributing approximately 25% of the total flow. The two refineries produce heating fuel, aviation fuel and other petroleum products essential to the economic activity of the Interior and state. GVEA's three generators provide electricity for the Interior power grid. Eielson Air Force Base and Forts Wainwright and Greely get 100% of their fuels from the City's refineries. The Fairbanks Airport gets 100% of its aviation fuel and Anchorage Airport gets 50% of its aviation fuel from the City's refineries. The Alaska Railroad generates almost 30% of its revenue from hauling petroleum products produced in the City. Anything that negatively affects the WWTP will affect the industries in North Pole and their customers. Problems with the WWTP include antiquated technologies; replacement parts that are hard to obtain and expensive; during periods of high flow it approaches its permitted capacity; and energy inefficient technologies. The requested loan would fund an engineering study and design of the WWTP to support planning for the renovation or replacement of the WWTP. The engineering study can begin in 2009.

NORTH SLOPE BOROUGH

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Wainwright Sewer Upgrades - Phase III	635151	NE	212	200	100	10	20	15	10	5	360

The Wainwright Sewer Upgrades project will rehabilitate the existing wastewater collection system. Approximately 320LF of new sewer main will be installed and 380 LF of sewer main will be replaced. The project will repair 47 damaged services and construct 12 new services.

PALMER

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Lift Station No. 1, 2 and 3 Piping Upgrades	671181	Yes	212	0	100	10	20	15	10	15	170

Existing control panels and pumps at the City of Palmer Sewer Lift Station number One, Two and Three are in urgent need of upgrades. The current system utilizes pumps which are thirty years old and pump controls that are below grade in a confined space entry classification. There is currently no available standby power on site. In previous years the utility power failure has occurred four to five times a year on an average. Each time there is a power outage a large backup generator is relocated to the site to provide the needed power to operate the critical pumps. The cost is approximately four thousand dollars per incident without the added safety issues needed to comply with the confined space requirements. Lift Station number Three pumps operate the largest portion of the waste within the Palmer wastewater system and must remain in operation at all times. With limited automation for failure notification on these pumps, the city personnel must manually monitor the pumps. It is common to find the pumps clogged due to the style of the pumps and require frequent maintenance to be performed inside the confined space area. The proposed rehabilitations will include replacement of both pumps; pump controls including three new grinder style pumps, new above grade pump controls and integrated into the City's internet-based monitoring and alarm system. This will provide new automatic trouble notification and new auxiliary back-up power to operate the pumps in case of a power failure. This need is a basic life, health and safety issue.

PALMER (Continued)

Project Name		Project Scoring Criteria								
Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Sewer Main Upgrades	671191	Yes	212	0	100	1.0	20	0	10	15

This project will replace or upgrade aging gravity concrete wastewater pipe throughout the City of Palmer. The work includes removal of existing undersized sewer mains by the replacement of piping, or lining the pipe with cure-in-place pipe (CIPP) method, constructing new manholes, cleanouts and service connections. Current piping is deteriorating at the pipe joints, seams and some pitting in the interior piping wall has occurred. By installing the liner now, we can extend service life of the existing sewer main by repairing it in place. This project is a health and safety-critical upgrade and is an integral part of basic City of Palmer infrastructure.

Project Name		Project Scoring Criteria								
Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Wastewater Treatment Plant Impr., Ph. I	671161	Yes	212	200	220	10	20	15	10	5

The project will provide initial upgrades though out the plant and purchase properties adjacent to the wastewater treatment plant's current location to create a subsurface drainage system to come into compliance with the current EPA regulations.

Improvements to the existing plant will be as follows, convert one or two of the existing lagoons into the front end of a solar aquatic system by enclosing it in an insulated greenhouse type building and supplying sufficient aeration and supplement heating through solar or other means to accelerate the treatment activity. Install larger air blowers an additional UV unit and other improvements to increase our current capacity from one to two million gallons a day with expansion capacity to 4 million gallons per day.

Expansion to the existing facility will be the purchase of approximately 50 acres west of the current facility and create new subsurface drainage system with additional anaerobic treatment. New monitoring wells will be established around the new properties. A new fence will be installed around the facility with new gate entry system and security surveillance system. The design for this work is being done under another grant and with these funds construction will start summer of 2009. The expansion and upgrade will allow the Palmer Wastewater Plant to become a possible regional plant solution for Wasilla and the Mat-Su Borough.

PALMER (Continued)

Project Name	Project Number	Green Project Eligible (Year/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Wastewater Treatment Plant Impr. Ph. II & III	671201	Yes	212	200	220	10	20	15	10	5	480

The project will provide final upgrades though out the plant and purchase properties adjacent to the wastewater treatment plant's current location to create a subsurface drainage system to come into compliance with the current EPA regulations.

Improvements to the existing plant will be as follows, convert one or two of the existing lagoons into the front end of a solar aquatic system by enclosing it in an insulated greenhouse type building and supplying sufficient aeration and supplement heating through solar or other means to accelerate the treatment activity. Install larger air blowers an additional UV unit and other improvements to increase our current capacity from one to two million gallons a day with expansion capacity to 4 million gallons per day.

Expansion to the existing facility will be the purchase of approximately 50 acres west of the current facility and create new subsurface drainage system with additional anaerobic treatment. New monitoring wells will be established around the new properties. A new fence will be installed around the facility with new gate entry system and security surveillance system. The design for this work is being done under another grant and with these funds construction will start summer of 2009. The expansion and upgrade will allow the Palmer Wastewater Plant to become a possible regional plant solution for Wasilla and the Mat-Su Borough.

Project Name	Project Number	Green Project Eligible (Year/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Wastewater SCADA Control & Surveillance	671171	Yes	212	0	100	10	20	15	10	15	170

The project consists of the design and installation of new SCADA controls for the waste water and potable water systems within the City of Palmer. The controls will provide new capabilities such as remote control of equipment, remote monitoring of systems, alarm forwarding, water flow metering, and other necessary control features needed. The new control system will also provide security surveillance cameras at each site which will feed back to our Police dispatch quarters. Site security and monitoring is essential for public health and safety under the Public Health Security and Bioterrorism Preparedness and Response Act of 2002.

The rehabilitation of lift station #3 also needs to be upgraded with these new controls to work in more efficiently within the system and to provide critical information to Public Works Department on operational parameters within the sewer system.

PALMER (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	
Storm Drain for Palmer-Wasilla Hwy Corridor	671211	NE	319	60	10	0	10	40	120

To protect public infrastructure and private property, the City of Palmer plans to develop a master plan and engineering designs for a comprehensive storm drain system to control the impact of current and future storm water runoff in the rapidly developing commercial and residential areas located east of the Palmer-Wasilla Highway.

Without a storm water master plan for this area that includes engineering designs that will consider the cumulative impacts of development on this topographically challenging area of the Palmer, future commercial growth will create negative impacts on private property and public investments as ineffective individual storm water discharge systems cause flooding and/or erosion.

How this project implements Alaska's Nonpoint Source Strategy: Alaska's Strategy identifies support for local watershed protection efforts as an objective (page 29). This project addresses components of local watershed protection including control of stormwater runoff, and restoration of a sediment impaired creek (page 83).

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria					TOTAL
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	
Storm Water Master Plan	671201	NE	319	60	10	0	10	40	120

This project will complete a storm water master plan for the City's storm water collection system. The plan review and analysis of the existing system will forecast anticipated increased system demand; analyze discharge quantity and quality; identify and prioritize collection system maintenance, repairs, upgrades and/or extensions needed. The plan will also review existing storm water ordinances and recommend new ordinances that will comply with the EPA and ADEC water quality standards for storm water discharge.

Without a storm water master plan for the City of Palmer, future residential and commercial growth will create negative impacts on private property and public investments as ineffective individual storm water discharge systems cause flooding and/or erosion.

How this project implements Alaska's Nonpoint Source Strategy: Alaska's Strategy identifies support for local watershed protection efforts as an objective (page 29). This project addresses components of local watershed protection including control of stormwater runoff, and restoration of a sediment impaired creek (page 83).

PETERSBERG

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Gauffin Street Sewer	685101	Yes	212	200	100	5	20	0	10	15	350

Sewer mains in Gauffin Street will be upgraded from failing transite (asbestos/cement) pipes to ductile iron mains that are properly supported and bedded. Project length equals approximately 550 linear feet of sewer improvements. Existing 6" transite pipe will be replaced with 8" ductile iron pipe. Three manholes will also be installed as part of this project.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Noseeum St. Sewer	685371	Yes	212	200	100	5	30	0	20	15	370

This project will serve to replace inadequate and failing small diameter sewer lines on Noseeum Street. There are currently no sewer services in this street. Temporary sewer lines will be replaced with larger ductile iron mains with ductile iron pipe sewer.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Odin Street Sewer	685131	Yes	212	200	100	5	0	15	10	15	345

Design and construct the replacement of aging transite sewer mains on Odin Street from Rambler St. to Vesta Street. New ductile iron sewer mains will be installed as well as new manholes where needed to eliminate inflow and infiltration.

PETERSBERG (Continued)

Project Name							Project Scoring Criteria				
Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	Total	
Pump Station 5 Upgrade	685211	Yes	212	0	100	5	0	15	10	15	145

This project will replace Pump station #5, the largest and most critical lift station in Petersburg's collection system. This station is responsible for pumping all collected wastewater from the community to the treatment plant. The station is a steel drywell/wetwell configuration that is corroding to the point of imminent failure. The goal of the City is to replace this station before failure occurs, thereby ensuring that no service interruptions, pollution events or public health threats will occur. Although design efforts are not complete, the probable replacement will be with a concrete wetwell, submersible pumps and variable speed drives.

Project Name							Project Scoring Criteria				
Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	Total	
Second Street Sewer	685151	Yes	212	200	100	5	0	15	10	15	345

Design and construct the replacement of aging transite sewer mains within the Second Street right of way. This work must be accomplished prior to street paving activities which are scheduled for FY2010-11.

Project Name							Project Scoring Criteria				
Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	Total	
Valkrie Street Sewer	685111	Yes	212	200	100	5	0	15	10	15	345

This project will replace aging sewer lines on Valkrie Street. Existing transite and PVC mains will be replaced with ductile iron and bedded properly within the road prism. Manholes will be replaced as needed as well.

SAND POINT

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						TOTAL	
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay		
Wastewater Improvements	757031	Yes	212	0	100	5	20	0	0	10	135

The city of Sand Point completed a "Wastewater Infrastructure Study" in 2004. HDR, Alaska prepared an extensive analysis of the wastewater conditions throughout the community. We have now prioritized these findings into three (3) phases. The first phase (2009) deals with immediate needs of the community including repair, maintenance and installation of specific lift stations, replacement of manhole covers and preparation of operational plans to insure continuity of effort. Also attached are specifics identified for each priority item including estimated cost.

SEWARD

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						TOTAL	
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay		
Lift Station No. 3 Building Electrical	769051	Yes	212	0	100	5	20	15	10	15	165

This project will complete required electrical modifications to place the City's newly installed standby generator in service at this facility, providing a backup power supply to ensure the lift station remains operational at all times. This project will also modify the building electrical system to comply with current NEC requirements, upgrade the lift station controls and provide safety improvements at the lift station, including closed circuit video monitoring and a fire alarm system.

SITKA

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						TOTAL	
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay		
Brady Street Sewer Rehabilitation	783261	Yes	212	0	100	10	20	15	10	15	170

The Brady Street sewer main is an old asbestos cement line located in the banks of Peterson Creek. This project would either slip line the existing main, or replace it.

SITKA (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria				TOTAL			
				P. Health	W.Q.	R.W.	L. Init.				
Granite Creek Road Sewer Extension	783251	Yes	212	0	100	10	30	15	10	15	180

This project will extend the existing sanitary sewer main up granite creek road to the furthest point which can be served with a gravity system.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria				TOTAL			
				P. Health	W.Q.	R.W.	L. Init.				
Main Rehab/Replace @ HPR/SMC Intersection	783241	Yes	212	0	100	10	30	15	10	15	180

This project includes the replacement of sanitary sewer mains, manholes and sewers in this intersection. The manholes are failing structurally and the manholes and mains are too deep to safely and properly maintain.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria				TOTAL			
				P. Health	W.Q.	R.W.	L. Init.				
Oja Street Sewer Main Replacement	783271	Yes	212	0	100	10	20	15	10	15	170

This project will replace the existing concrete bell and spigot sewer main with ductile iron pipe main. The project will also provide ADEC required separation distances between water and sewer system, which currently have less than the required separation.

SITKA (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Sawmill Creek Road Sewer Upgrade, Ph. 3	783281	Yes	212	0	0	5	20	15	10	15	65

This project will extend the municipal sanitary sewer collection system to the Sawmill Cove Industrial Park, which will allow the existing packaged WWTP to be shutdown eliminating the near shore discharge into Sawmill Cove, an impaired waterbody.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
I & I Identification & Removal	783291	No	212	200	220	5	50	15	20	15	525

The project will encompass entire WW collection system. Specific projects already identified include: replace Sheldon Jackson college system, repair leaking MHs and wetwells, eliminate roof and foundation drains entering sanitary systems, replace Biorka/Park St. system (3' sections), rehab/replace Brady system along creek, stop water entering MH covers (gaskets/inserts strategically ID and repair defects e.g. those found on Marine Street-cracked/damaged mains, sinking joints-in conjunction with road repaving projects to be cost effective.

SKAGWAY

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
WWTP MBR Upgrade	785061	Yes	212	200	230	5	20	15	0	10	480

Upgrade existing primary treatment facility to a Membrane Bio Reactor system. Purpose is to produce a higher quality consistent effluent and assure NPDES permit compliance today and into the future.

SOLDOTNA

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						TOTAL	
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay		
Centennial Park Road Sewer Improvements	791201	Yes	212	0	100	10	20	0	0	15	145

This project will install sewer mainlines to a portion of the RV overnight pads in Centennial Park and pave the main entry road from Kalifornsky Beach road to the boat ramp. The City is applying for a water mainline loan as a companion project to this project.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						TOTAL	
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay		
Robin Street Sewer Installation	791181	Yes	212	0	100	10	20	0	0	15	145

This project will install sewer mainlines from E. Redoubt Avenue to the south end, approximately 750 linear feet. This is a commercial district in downtown Soldotna.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						TOTAL	
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay		
Sewer Lift Station Upgrade	791171	Yes	212	0	100	10	20	30	0	15	175

This is a continuation project that will replace and upgrade the remaining sewer lift station pumps, rails, control panel components, and associated work. The City has been systematically replacing these components in an effort to ensure continual reliable service, replace antiquated equipment and upgrade the system to ensure SCADA compatibility. This project would include installation of SCADA systems on lift stations to minimize potential hazards and give the maximum amount of notice of mechanical problems.

SOLDOTNA (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Soldotna Avenue Sewer Mainline Installation	791191	Yes	212	0	100	10	20	0	0	15	145

This project will install sewer mainlines from Birch Street to the E. Beluga Avenue/Soldotna Avenue intersection, approximately 1,200 linear feet. City has applied for a water mainline companion project.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria						
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	Afford.	TOTAL
Storm Water Outfall Protection	791211	Yes	319	100	0	20	0	40	40	160

This project installs protection measures on Kobuk Street storm water outfall. This is another project in a long line of projects created that continually strive to assure quality of storm water prior to it entering the Kenai River.

How this project Implements Alaska's Nonpoint Source Strategy: Alaska's Strategy identifies support for local watershed protection efforts as an objective (page 29). This project addresses components of local watershed protection including control of stormwater runoff, and restoration of a sediment impaired creek (page 83).

St. Paul

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
S. Old Town Sewer Upgrade	749001	Yes	212	0	100	5	20	15	0	15	155

Replace approximately 32,122 LF of clay sewer main, laterals and force mains to serve 168 residential and 20 commercial buildings.

UNALASKA

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay		
Wastewater Treatment Plant, Ph. II	879051	NE	212	300	250	5	20	0	10	10	595

To comply with Clean Water Act regulations and current NPDES permit requirements, the existing wastewater treatment plant will need to be upgraded or expanded. Selection of a preferred alternative from a recent study should be completed soon. Also, landfill leachate that is discharged into the sewer collection system may need to have flow equalization or preliminary treatment to reduce impacts on the wastewater treatment process.

VALDEZ

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay		
Sewage Treatment Plant Headworks Installation	891021	NE	212	0	100	10	0	0	0	15	125

The city's current treatment facility consist of a three lagoon aerated system with a collection system that empties into a single point for introduction into the treatment plant as influent. At present no separation of solid and liquids occur prior to entering the first lagoon, which is resulting in an unexpected increased effort with the maintenance of the hanging aeration grid. Placement of a head works to intercept debris before they enter the lagoon will increase efficiency of the treatment process, life of hanging aeration and extend interval for removing sludge from lagoon number 1.

WASILLA

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria							
				P. Health	W.Q.	R.W.	L. Init.	Funding	Repay		
STP Treatment Land Acquisition	905081	No	212	200	100	10	20	0	0	15	345

This project will purchase land in 2 parts. Part 1 is for new drainfield area to treat ammonia from the lagoon effluent to nitrate as it enters groundwater. Part 2 is for downstream creek/wetland area to reduce nitrate levels to drinking water standards.

WASILLA (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.	TOTAL
Replacement Vector Truck	905091	Yes	319	70	25	0	10	40	145

Replacement Vector Truck; Vector Manufacturing 2100 Series PD or equal.

How this project implements Alaska's Nonpoint Source Strategy: Alaska's Strategy identifies support for local watershed protection efforts as an objective (page 29). This project addresses components of local watershed protection including control of stormwater runoff, and restoration of a sediment impaired creek (page 83).

WRANGELL

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	P. Health	W.Q.	R.W.	L. Init.	Funding	Repay	Afford.	TOTAL
Cassiar Street Sewer and Storm System Rehabilitation	917101	Yes	212	0	100	5	20	0	0	15	140

Cassiar Street is a narrow, unpaved one lane road to an older residential neighborhood of town. The road extends 1400 feet on a sloped curve on the western side of Mt. Dewey over looking town and Zimovia Straits. There is definite inflow and infiltration issues to the sewer main and services that were installed in the 1940's. The street dead ends at a rock outcropping, blocking through passage and access to 14 undeveloped privately owned lots on the other side. Steep rocky slopes in a portion of the road create a drainage and construction issue and restrict alternative access. The narrow confines of the road make access by emergency response vehicles difficult and hazardous to vehicles and walkers.

WRANGELL (Continued)

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria				
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.
Landfill Closure	917121	Yes	319	60	10	10	20	110

The Wrangell landfill was recently determined to be almost at capacity during on-going activities related to our partial landfill closure project. During the engineering process, it was discovered that to make our slopes meet DEC specifications, a substantial amount of material needed to be moved from the full portion of the landfill to the remaining useable landfill area. The movement of the waste will leave no more than twelve thousand yards of remaining landfill space after the closure is completed. The project cost estimates for a partial closure of the landfill, obtained in 2004, are now outdated and inadequate as we are looking at nearly a total closure of the landfill. The requested funds, based on new scope of the project, will allow us to complete the landfill closure project. Wrangell's current ADEC permit for our solid waste landfill requires that the portion of the landfill site that is at full capacity be closed and capped by the time the permit expires April 26th, 2010.

Engineering for closure is nearly complete. Engineers are trying to determine how to phase the project so that we can go to bid with a phase one component in spring 2009 and hopefully secure funding to complete the remainder of the project in the near future. There are several design alternatives, but the one that Wrangell is pursuing is the only option that provides Wrangell with any remaining landfill space as well as being the least expensive option.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B7, pg. 31), the need to upgrade failed community landfills to ensure leachate control and water quality concerns are met. Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.

Project Name	Project Number	Green Project Eligible (Yes/No or Not Eval.)	Project Type	Project Scoring Criteria				
				W. Quality	Local Init.	F. Coord.	Repay	NPS Strat.
Street Sweeper	917131	Yes	319	60	0	5	10	40
								115

Wrangell's current street sweeper is almost 30 years old and is barely operational. The company that manufactured this type of sweeper is no longer in business and the sweeping broom on the truck is the last broom to be found in the United States. Wrangell is undergoing a Downtown Revitalization project which is reconstructing $\frac{3}{4}$ mile of commercial district roads. The sweeper is critical, not only because of the condition of the existing sweeper, but also because of the improvements to downtown. The sweeper will be important to clean out catch basins downtown and all over, to keep the sand and gravel from clogging drains.

How this project implements Alaska's Nonpoint Source Strategy: Alaska's Strategy identifies support for local watershed protection efforts as an objective (page 29). This project addresses components of local watershed protection including control of stormwater runoff, and restoration of a sediment impaired creek (page 83).

APPENDIX IVa

ALASKA CLEAN WATER FUND

Point Source Project Detail

**ALASKA CLEAN WATER FUND
POINT SOURCE PROJECT DETAILED LIST
FISCAL YEAR 2010**

GROUP 1

Community	Master List Ranking	Points	Project Name	Project Number	Amount Requested	NPDES or State Permit Number	EPA Project Scope	Needs Commitment	Binding Commitment	Construction Start	Initiation of Operation
North Pole	9	475	Sewer Lift Station Renovation	633151	\$2,500,000	AK-0021393	Design & Construction	III(b)	8/17/09	8/17/09	6/11/10
Soldotna	31	175	Sewer Lift Station Upgrade	791171	\$475,000	AK-0020036	Design & Construction	III(b)	8/17/09	8/15/09	8/15/10
North Pole	36	170	Jet-Vac Truck	633161	\$300,000	AK-0021393	Design & Construction	III(b)	8/17/09	8/15/09	7/9/09
Seward	40	165	Lift Station No. 3 Building Elect.	769051	\$278,000	AK-0021890	Design & Construction	III(b)	8/17/09	8/15/09	8/18/10

GROUP 2

Community	Master List Ranking	Points	Project Name	Project Number	Amount Requested	NPDES or State Permit Number	EPA Project Scope	Needs Commitment	Binding Commitment	Construction Start	Initiation of Operation
Ketchikan	5	520	Tongass Avenue Sewer Replacement, Ph. II	481071	\$4,197,250	POA-1922-22-Y	Design & Construction	III(b)	1/1/10	1/15/09	8/14/12
Palmer	6	480	Wastewater Treatment Plant Improvements	671161	\$7,000,000	AK-002249-7	Design & Construction	I	7/1/09	1/18/10	6/14/11
Skagway	8	480	WWTP MBR Upgrade	785061	\$4,000,000	A-0020010	Design & Construction	I	9/28/08	1/15/10	6/22/10
Petersburg	12	370	Noseeum St. Sewer	685091	\$261,430	AK-0021458	Design & Construction	III(a)	8/1/09	9/1/09	7/16/11
Petersburg	15	350	Gulfnn Street Sewer	685101	\$195,800	AK-0021458	Design & Construction	III(a)	8/1/09	9/1/09	5/15/11
Kenai	16	350	Kenai Bridge Access Rd Sewer	475051	\$3,864,000	AK-0021458	Design & Construction	III(b)	10/2/08	11/15/10	8/25/11
Petersburg	17	345	Valkie Street Sewer	685111	\$197,841	AK-0021458	Design & Construction	III(a)	7/1/09	8/1/09	7/16/11
Petersburg	18	345	Second Street Sewer	685151	\$75,570	AK-0021458	Design & Construction	III(a)	7/1/09	8/1/09	8/25/11
Craig	28	185	Port St. Nicholas Gravity Sewer	261131	\$488,000	0013-CB029	Design & Construction	III(b)	8/20/08	8/1/09	5/12/11
Sitka	30	180	Extend Granite Creek Road Sewer	783251	\$110,000	AK-0021474	Design & Construction	IV(a)	7/1/09	7/1/09	7/15/10
Sitka	37	170	Ola Street Sewer Main Replacement	783271	\$250,000	AK-0021474	Design & Construction	III(a)	7/1/09	7/1/09	8/22/10

**ALASKA CLEAN WATER FUND
POINT SOURCE PROJECT DETAILED LIST
FISCAL YEAR 2010**

GROUP 2 (Continued)

Community	Master List Ranking	Points	Project Name	Project Number	Amount Requested	NPDES or State Permit Number	EPA Project Scope	Needs	Binding Commitment	Construction Start	Initiation of Operation
Sitka	38	170	Brady Street Sewer Rehabilitation	783281	\$620,000	AK-0021474	Design & Construction	III(a)	7/1/09	7/1/09	5/22/11
St. Paul	51	155	St. Paul - S. Old Town Sewer Upgrade	749001	\$100,000	AKG527702	Design & Construction	III(a)	6/20/09	7/1/09	8/14/11
Homer	53	150	Sanitary Sewer Rehabilitation	409141	\$1,800,000	AK-0021245	Design & Construction	III(b)	8/15/09	1/18/10	8/14/11
Petersburg	54	145	Pump Station 5 Upgrade	685211	\$340,000	AK-0021458	Design & Construction	III(a)	8/1/09	9/1/09	6/25/11
Seldovia	55	145	Robin Street Sewer Installation	791181	\$198,000	AK-0020036	Design & Construction	IV(a)	6/20/09	7/1/09	6/22/11
Seldovia	56	145	Soldotna Avenue Sewer Mainline Installation	791191	\$372,500	AK-0020036	Design & Construction	IV(a)	6/20/09	7/1/09	8/23/12
Homer	58	145	STP Bio-Solids Treatment Improvements	409161	\$5,245,000	AK-0021245	Design & Construction	1	8/15/09	1/18/10	7/22/11
King Cove	59	145	Downtown WW System Upgrade	487051	\$1,483,000	AK-0052388	Design & Construction	III(b)	8/15/09	1/18/09	5/3/10
Wrangell	62	140	Cassiar Street Sewer and Storm System Rehabilitation	917101	\$462,541	AK-0021466	Design & Construction	III(a)	8/1/09	8/1/09	8/13/11
Sand Point	63	135	Wastewater Improvements	757031	\$874,800	03DB0086-1009	Design & Construction	1	7/1/09	9/1/09	8/22/11
Sitka	69	65	Sawmill Creek Road Sewer Upgrade, Ph. II	783281	\$1,900,000	AK-0021474	Design & Construction	III(b)	9/1/09	1/15/10	8/9/11

GROUP 3

Community	Master List Ranking	Points	Project Name	Project Number	Amount Requested	NPDES or State Permit Number	EPA Project Scope	Needs	Binding Commitment	Construction Start	Initiation of Operation
Juneau	1	630	West Mendenhall Valley Sewer Extension, Ph. II	445231	\$4,500,000	AK-0023213	Design & Construction	IV(a)	12/1/09	6/1/09	8/14/11
Anchorage	2	585	Girdwood Wastewater Treatment Facility	130541	\$40,000,000	AK-0022551	Design & Construction	1	6/15/09	8/4/09	8/14/13
Unalaska	3	595	Wastewater Treatment Plant, Ph. II	879051	\$9,800,000	AK-003451	Design & Construction	1	1/1/09	5/1/10	11/1/2011
Sitka*	4	525	I & I Identification & Removal	783281	\$0	AK-0021474	Design & Construction	III(a)	4/29/09	6/8/09	10/2/2009
Palmer	7	480	Wastewater Treatment Plant Improvements Ph. II & III	671201	\$18,026,500	AK-002249-7	Design & Construction	1	7/1/09	2/23/09	6/14/11

* The project is only for refinancing an existing loan.

**ALASKA CLEAN WATER FUND
POINT SOURCE PROJECT DETAILED LIST
FISCAL YEAR 2010**

GROUP 3 (Continued)

Community	Master List Ranking	Points	Project Name	Project Number	Amount Requested	NPDES or State Permit Number	EPA Project Scope	Needs	Binding Commitment	Construction Start	Initiation of Operation
Anchorage	10	385	Septage Improvements, Ph. II	130551	\$800,000	AK-0022551	Design & Construction	I	6/15/08	5/15/09	9/4/11
Homer	11	375	Kachemak Drive Sewer, Ph. II	409171	\$2,000,000	AK-0021245	Design & Construction	III(b)	2/4/08	3/3/08	9/12/2010
Kodiak	13	370	Aleutian Homes Sewer Replacement, Ph. III	503171	\$1,000,000	AK-002155-5	Design & Construction	III(a)	4/1/09	5/1/09	7/8/2011
North Slope Borough	14	360	Wainwright Sewer Repairs, Ph. III	635151	\$4,200,000	AKG 571009	Design & Construction	III(b)	7/1/09	11/1/09	8/11/11
Wasilla	20	345	Sewage Treatment Land Acquisition	905081	\$375,000	N/A	Design & Construction	I	7/1/09	7/1/09	8/24/09
Anchorage	21	270	C-2 (A,B) Sewer Improvements	130721	\$400,000	AK-0022551	Design & Construction	III(b)	6/15/09	7/1/08	8/13/10
Ketchikan	22	260	Jackson St./4th/7th Avenues Sewer	481081	\$4,806,548	POA-1922-22-Y	Design & Construction	III(b)	1/1/10	1/8/10	9/12/12
Anchorage	23	210	Eagle River Wastewater Treatment Facility Improve	130561	\$4,000,000	AK-0022551	Design & Construction	III(b)	6/15/09	6/5/09	7/22/11
Anchorage	24	205	Asplund Generator Upgrade	130571	\$6,000,000	AK-0022551	Design & Construction	III(b)	6/15/09	3/4/09	7/25/11
Anchorage	25	205	Pump Station Upgrades	130581	\$3,000,000	AK-0022551	Design & Construction	III(b)	9/30/09	12/18/08	7/14/10
Anchorage	26	205	PS 10 Upgrade	130591	\$3,000,000	AK-0022551	Design & Construction	III(b)	9/30/09	8/19/08	6/25/10
Anchorage	27	205	Cope-Dorbrant Sewer Upgrade	130681	\$1,000,000	AK-0022551	Design & Construction	III(b)	6/15/09	5/15/09	9/14/10
Sitka	28	180	Main Rehab/Replace @ HPRISMC Intersection	783241	\$354,500	AK-0021474	Design & Construction	III(b)	4/29/09	5/26/09	8/13/10
Anchorage	32	175	Asplund Disinfection Study & Upgrade	130601	\$5,500,000	AK-0022551	Design & Construction	I	9/30/09	6/1/10	7/15/11
North Pole	33	170	Sewer Main and Manhole Rehabilitation	633201	\$2,800,000	AK-0021393	Design & Construction	III(b)	10/6/09	1/15/10	8/13/11
Palmer	34	170	Wastewater SCADA Control & Surveillance	671171	\$1,700,000	AK-002249-7	Design & Construction	III(b)	6/16/09	7/1/09	5/22/10
Palmer	35	170	Lift Station No. 1, 2 and 3 Piping Upgrades	671181	\$2,000,000	AK-002249-7	Design & Construction	III(b)	6/18/09	7/1/09	6/14/10
North Pole	39	170	Wastewater Treatment Plant Engineering Study	633221	\$500,000	AK-0021393	Design & Construction	I	3/30/09	8/1/09	4/24/10
Anchorage	41	165	Chester Creek (B-5, B-6)	130611	\$5,544,000	AK-0022551	Design & Construction	III(b)	12/9/08	12/1/10	8/17/11

**ALASKA CLEAN WATER FUND
POINT SOURCE PROJECT DETAILED LIST
FISCAL YEAR 2010**

GROUP 3 (Continued)

Community	Master List Ranking	Project Name	Project Number	Amount Requested	NPDES or State Permit Number	EPA Project Scope	Needs Commitment	Binding Commitment	Construction Start	Initiation of Operation
Anchorage	42	165 Benson Dawson-Cheechako Sewer Upgrade	130621	\$700,000	AK-0022551	Design & Construction	III(b)	8/15/08	5/12/09	7/9/11
Anchorage	43	165 8th-Golden-Jewel Lake Sewer Upgrade	130631	\$360,000	AK-0022551	Design & Construction	III(b)	12/8/08	12/1/10	6/25/11
Anchorage	44	165 8th-8th Karluk-Juneau Sewer Upgrade	130641	\$245,000	AK-0022551	Design & Construction	III(b)	12/8/08	12/1/10	8/5/11
Anchorage	45	165 E/7th Ave Sewer Upgrade	130651	\$487,200	AK-0022551	Design & Construction	III(b)	12/8/08	12/1/10	9/15/11
Anchorage	46	165 Loussac Drive Capacity Increase	130661	\$548,700	AK-0022551	Design & Construction	III(b)	12/8/08	12/1/10	8/22/11
Anchorage	47	165 Midtown Sewer Upgrade	130671	\$652,400	AK-0022551	Design & Construction	III(b)	12/8/08	12/1/10	7/15/11
Anchorage	48	165 Wonder Park Sewer Upgrade	130681	\$2,949,100	AK-0022551	Design & Construction	III(b)	12/8/08	12/1/10	8/14/11
Palmer	50	155 Sewer Main Upgrades	671191	\$2,000,000	AK-002249-7	Design & Construction	III(b)	8/16/08	8/2/09	9/15/11
North Pole	49	155 Sludge Removal	633171	\$500,000	AK-0021393	Design & Construction	III(b)	7/1/08	7/1/08	5/16/10
Kenai	52	155 WWTP Upgrades	475041	\$498,000	AK-0021458	Design & Construction	I	10/1/08	10/12/09	9/15/11
North Pole	57	145 Industrial Force Main Improvements	633211	\$3,000,000	AK-0021393	Design & Construction	III(b)	10/6/08	5/3/10	7/15/11
Soldotna	60	145 Centennial Park Road Sewer	791201	\$720,000	AK-0020038	Design & Construction	III(b)	8/20/09	7/3/09	8/13/10
Anchorage	61	145 AWWU Ops Control System	130701	\$308,000	AK-0022551	Design & Construction	I	12/9/09	8/9/10	9/8/11
Juneau	64	130 Sludge Incinerator Replacement	445301	\$17,650,000	AK-00223213	Design & Construction	I	12/1/09	7/1/10	8/14/11
Fairbanks North Star Borough	65	125 Growden Park Sewer Upgrade	339081	\$285,000	AK-0021H5-B	Design & Construction	III(b)	8/3/09	8/31/09	7/12/11
Mat-Su Borough	66	125 Sludge Storage Cell Construction	561171	\$850,000	N/A	Design & Construction	I	9/30/09	9/30/09	8/22/11
Mat-Su Borough	67	125 Talkeetna Sewer System I&I Study	561191	\$1,100,000	N/A	Design	I	6/15/09	8/13/09	4/2/10
Valdez	68	125 Sewer Treatment Plant Headworks Installation	891021	\$153,500	AK-0021431	Design & Construction	I	1/1/10	8/1/10	8/7/11
Anchorage	70	65 Iris Way Sewer Upgrade	130711	\$1,000,000	AK-0022551	Design & Construction	III(b)	6/15/09	8/13/09	9/5/11
North Pole	71	35 Utility Garage	633181	\$1,010,000	AK-0021393	Design & Construction	I	8/7/09	1/5/10	7/15/10

APPENDIX IVb

ALASKA CLEAN WATER FUND

NonPoint Source Project Detail

Alaska Clean Water Fund
NONPOINT SOURCE DETAILED LIST
Fiscal Year 2010

GROUP 1					
Community	Master List Ranking	Points	Project Name	Project Number	Amount Requested
Homer	13	115	Purchase of New Street Sweeper	409181	\$100,000
Wrangell	11	115	Street Sweeper	917131	\$250,000

GROUP 2					
Community	Master List Ranking	Points	Project Name	Project Number	Amount Requested
Soldotna	1	160	Storm Water Outfall Protection	791211	\$1,200,000
Fairbanks North Star Borough	3	145	Solid Waste Landfill Partial Closure Project	339071	\$6,000,000
Wasilla	4	145	Replacement Vactor Truck	905091	\$300,000
Matanuska-Susitna Borough	5	130	Point MacKenzie Access Road and Drainage Improvements	561071	\$2,750,000
Matanuska-Susitna Borough	6	125	Regional Resource Recovery & Training Facility	561181	\$1,300,000
Wrangell	14	110	Landfill Closure	917121	\$647,000
King Cove	17	105	Landfill Expansion and Upgrades, Ph. II	487081	\$585,000

Alaska Clean Water Fund
NONPOINT SOURCE DETAILED LIST
Fiscal Year 2010

GROUP 3

Community	Master List Ranking	Points	Project Name	Project Number	Amount Requested	Binding Commitment	Construction Start	Initiation of Operation
Fairbanks North Star Borough	2	160	South Cushman Landfill Expansion Cell 3 & 4	339081	\$8,000,000	10/1/09	12/1/09	6/7/11
Matanuska-Susitna Borough	7	125	Central Landfill Cell 3, Ph. 2	561081	\$550,450	7/15/09	8/15/09	6/15/11
Homer	8	120	Storm Water Master Plan	409201	\$340,000	7/15/09	N/A	
Palmer	9	120	Storm Water Master Plan	677201	\$100,000	6/16/09	N/A	
Palmer	10	120	Storm Drain for Palmer-Wasilla Hwy Corridor	677211	\$250,000	6/16/09	N/A	
Matanuska-Susitna Borough	12	115	Chisana Woods Subdivision Drainage	561161	\$3,560,000	3/6/09	9/1/09	11/1/09
Matanuska-Susitna Borough	15	105	Central Landfill Transfer Site Upgrade	561091	\$835,000	8/1/09	9/1/09	9/12/10
Matanuska-Susitna Borough	16	105	Big Lake Transfer Site Upgrade	581101	\$685,000	8/1/09	9/1/09	9/5/10
Anchorage	18	105	Landfill Equipment Replacement	130731	\$1,169,000	7/1/09	7/15/09	9/1/09
Anchorage	19	105	Regional Landfill Cell 7 Partial Closure	130741	\$1,250,000	7/1/09	5/1/10	8/7/11
Anchorage	20	105	Regional Landfill Cell 8 (revised)	137051	\$8,800,000	8/1/09	5/1/10	8/25/11
Matanuska-Susitna Borough	21	100	Central Landfill Cell 2 Closure	561121	\$848,400	8/1/09	9/1/09	7/9/11

Alaska Clean Water Fund
NONPOINT SOURCE DETAILED LIST
Fiscal Year 2010

GROUP 3 (Continued)

Community	Master List Ranking	Points	Project Name	Project Number	Amount Requested	Binding Commitment	Construction Start	Initiation of Operation
Matanuska-Susitna Borough	22	100	Central Landfill leachate Treatment System	561131	\$1,408,000	8/1/09	9/15/09	6/22/10
Matanuska-Susitna Borough	23	100	Skwentna Landfill Closure	561141	\$148,500	9/1/09	9/15/09	7/13/10
Anchorage	24	100	Regional Compost Facility	130761	\$3,950,000	7/1/09	4/1/10	9/8/10
Juneau	25	95	Municipal Solid Waste Materials Recycling Facility	445311	\$6,200,000	12/1/09	5/1/10	4/22/11
Matanuska-Susitna Borough	26	95	Central Landfill Composting Facility	561151	\$323,200	9/1/09	9/15/09	8/12/10
Matanuska-Susitna Borough	27	95	Salted Sand Storage Building Addition	561111	\$950,000	9/30/09	1/15/10	5/25/10
Homer	28	85	Bridge Creek Watershed Land Purchase	409191	\$540,000	9/30/09	1/15/10	6/24/10

APPENDIX V

ALASKA CLEAN WATER FUND

Public Comments

During the 1st public comment period, two communities provided general comments on the IUP specifically addressing issues with ARRA funding. These comments are summarized as follows:

- Craig provided comments in regards to Green project justification in which they concur with DEC's initial proposed percentage of Green project component on their Water Distribution Improvements project. In addition, the City confirmed their ability to start project work within the 2009 construction season.
- Anchorage provided general comments in regards to the IUP that expressed some dissatisfaction with the ARRA subsidy that excluded them from receiving any of these types of funds. However, they were also pleased that DEC did allow much greater funding request amounts than what was done in past IUP's. In addition, they asked that the Asplund Generator Upgrade project be increase from \$3,500,000 to \$6,000,000.

During the 2nd public comment period, four communities notified ADEC on the need to either add additional projects, swap out an existing project for another more ready to proceed, or have existing project amounts changed. These comments are summarized as follows:

- Unalaska notified ADEC that a project on last year's IUP that was requested to be carried over to this IUP was not listed. The Wastewater Treatment Plant, Ph. II project is an important project for the City, which is needed to meet compliance issues under their current NPDES permit.
- North Pole notified ADEC that the City's Jet-Vac Truck project should not have been dropped from the Group 1 list on the amended draft IUP. The City's intent was to meet Group 1 requirements for both the Jet-Vac Truck and the Sewer Lift Station Renovation projects. ARRA funding between the projects was requested to be adjusted so that both cumulative would not exceed the \$2 million funding cap.
- Sitka requested that the Oja Street Drinking Water project be placed as high as possible on the Group 2 ARRA funding list since it's ready to proceed, and due to its critical public health need to be completed at this time. The project is listed under both the Clean Water and Drinking Water Fund IUP's for sewer and water work on the project; however, the project is on the Drinking Water ARRA planning priority list and may not have ARRA funds available. The City also requested that if more points could not be added to the project score, funding be increased by \$69,405 on the sewer portion of the project to cover engineering costs that were not originally assessed. In addition, Sitka provided additional comments on other Clean Water listed projects with primary concerns addressing funds being available for ready to proceed projects, and the availability of non-ARRA funds if ARRA funding would not be available.
- Wrangell notified ADEC that their Street Sweeper project procurement could be completed by June 17, 2009 and meet requirement needs of a Group 1 project. If ADEC confirms that the project could be put back on the Group 1 list, the City will expedite the procurement process and any other actions needed.

During the 3rd public comment period, no comments were received.

APPENDIX VIa

ALASKA CLEAN WATER FUND

**Estimated Disbursement Schedule
for Point Source Projects**

ALASKA CLEAN WATER FUND
Estimated Disbursement Schedule
ARRA Grant Funded Projects

	Administrative Costs	FFY09				FFY10				FFY11			
		3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.
ADEC	\$ 938,200	\$46,910	\$ 93,820	\$ 140,730	\$187,640	\$ 46,910	\$ 93,820	\$140,730	\$187,640	\$ 46,910	\$ 93,820	\$140,730	\$187,640
North Pole	\$ 2,500,000	125,000	250,000	375,000	500,000	125,000	250,000	375,000	500,000	125,000	250,000	375,000	500,000
Craig	\$ 488,000	24,400	48,800	73,200	97,600	24,400	48,800	73,200	97,600	24,400	48,800	73,200	97,600
Sitka	\$ 110,000												
Seward	\$ 278,000	13,900	27,800	41,700	55,600	13,900	27,800	41,700	55,600	13,900	27,800	41,700	55,600
St. Paul	\$ 100,000	5,000	10,000	15,000	20,000	5,000	10,000	15,000	20,000	5,000	10,000	15,000	20,000
Ketchikan	\$ 4,197,250												
Palmer	\$ 7,000,000												
Skagway	\$ 4,000,000												
Petersburg	\$ 261,430	26,143	39,215	52,286	65,359	26,143	39,215	52,286	65,359	26,143	39,215	52,286	65,359
Petersburg	\$ 195,800	19,580	29,370	39,160	52,286	19,580	29,370	39,160	52,286	19,580	29,370	39,160	52,286
Kenai	\$ 3,664,000												
Petersburg	\$ 197,841												
Petersburg	\$ 75,570												
Petersburg	\$ 103,400												
Sitka	\$ 620,000												
Sitka	\$ 319,405												
Soldotna	\$ 475,000	47,500	71,250	95,000	123,750	47,500	71,250	95,000	123,750	47,500	71,250	95,000	123,750
Homer	\$ 1,800,000												
King Cove	\$ 1,483,000												
Petersburg	\$ 340,000												
Wrangell	\$ 462,541	46,254	69,381	92,508	123,127	46,254	69,381	92,508	123,127	46,254	69,381	92,508	123,127
Sand Point	\$ 874,800												
Soldotna	\$ 198,000												
Soldotna	\$ 372,500												
Sitka	\$ 1,900,000												
Homer	\$ 5,245,000												

ALASKA CLEAN WATER FUND
Estimated Disbursement Schedule
FFY09 Capitalization Grant Funded & Other Program Funded Projects

ADEC	Project Description	FFY09			FFY09			FFY10			FFY10			FFY11		
		3rd Qtr.	4th Qtr.	1st Qtr.	\$ 3,028	\$ 16,055	\$ 24,083	\$ 32,110	\$ 8,028	\$ 16,055	\$ 24,083	\$ 24,083	\$ 32,110	\$ 2nd Qtr.	2nd Qtr.	
Wasilla	Administrative Costs	\$ 160,552														
Juneau	Sewage Treatment Land Acquisition	\$ 375,000														
Anchorage	West Mendenhall Valley Sewer Ext, Ph. II	\$ 4,500,000														
Unalaska	Girdwood Wastewater Treatment Facility	\$ 20,000,000														
Sitka	Wastewater Treatment Plant, Ph. II	\$ 9,800,000														
	I & I Identification and Removal	\$ 1,500,000														
	Sepiagie Improvements, Ph. II	\$ 150,000														
	Kachemak Drive Sewer, Ph. II	\$ 800,000														
	Aleutian Homes Sewer Replacement, Ph. III	\$ 2,000,000														
	Wainwright Sewer Repairs, Ph. III	\$ 1,000,000														
	Eagle River WWTF Improvements	\$ 4,200,000														
North Slope Bor.	Asplund Generator Upgrade	\$ 4,000,000														
	Pump Station Upgrades	\$ 3,500,000														
	PS 10 Upgrade	\$ 3,000,000														
	Asplund Disinfection Study & Upgrade	\$ 5,500,000														
	WWTP Engineering Study	\$ 500,000														
	Chester Creek (B-5, B-6)	\$ 5,544,000														
	Benson Dawson-Cheechako Sewer Upgrade	\$ 700,000														
	88th-Golden-Jewel Lake Sewer Upgrade	\$ 360,000														
	8th-9th Karluk-Juneau Sewer Upgrade	\$ 245,000														
	E 71st Ave Sewer Upgrade	\$ 487,200														
	Loussac Drive Capacity Inc.	\$ 546,700														
	Midtown Sewer Upgrade	\$ 652,400														
	Wonder Park Sewer Upgrade	\$ 2,949,100														
	Cope-Dobrant Sewer Upgrade	\$ 1,000,000														
	AWWW Ops Control System	\$ 308,000														
	Sludge Incinerator Replacement	\$ 17,650,000														
	Sewage Treatment Headworks Installation	\$ 153,500														
	Talkeetna Sewer System I & I Study and Upgrades	\$ 1,100,000														
	C-2 (A,B) Sewer Improvements	\$ 400,000														
	Main Rehab/Replace @ HPR/SMC Intersection	\$ 354,500														
	Iris Way Sewer Upgrade	\$ 1,000,000														
	WWTP Improvements, Ph. II & III	\$ 18,026,500														
	Sludge Storage Cell Construction	\$ 850,000														
	Sewer Main Upgrades	\$ 2,000,000														
	Jet-Vac Truck	\$ 300,000														
	Sludge Removal	\$ 500,000														

ALASKA CLEAN WATER FUND
Estimated Disbursement Schedule
FFY09 Capitalization Grant Funded & Other Program Funded Projects

		FFY09				FFY10				FFY11			
		3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.
North Pole	Utility Garage	\$ 1,010,000				202,000	50,500	101,000	151,500	202,000			
Palmer	WNT SCADA Control & Surveillance	\$ 1,700,000				340,000	85,000	170,000	255,000	340,000			
Palmer	Lift Station No. 1, 2 and 3 Piping Upgrades	\$ 2,000,000				400,000	100,000	200,000	300,000	400,000			
Soldotna	Centennial Park Road Sewer	\$ 720,000				144,000	36,000	72,000	108,000	144,000			
Kenai	Wastewater Plant Upgrades	\$ 486,000				72,900	97,200	24,300	48,600	72,900			
North Pole	Sewer Main and Manhole Rehabilitation	\$ 2,600,000						130,000	260,000	390,000	520,000		
North Pole	Industrial Force Main	\$ 3,000,000						150,000	300,000	450,000	600,000		
Fairbanks	Growthden Park Sewer Upgrade	\$ 285,000				28,500	42,750	14,250	28,500	42,750	57,000		
Ketchikan	Jackson St./4th/7th Avenue Sewer	\$ 4,806,548							480,655	720,982	961,310		

APPENDIX VIb

ALASKA CLEAN WATER FUND

**Estimated Disbursement Schedule
for NonPoint Source Projects**

ALASKA CLEAN WATER FUND
Estimated Disbursement Schedule for NonPoint Projects
ARRA Grant Funded Projects

		FFY09		FFY09		FFY10		FFY10		FFY11	
		3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
Soldotna	Storm Water Outfall Protection	\$ 1,200,000	60,000	120,000	180,000	240,000	60,000	120,000	180,000	240,000	240,000
Matanuska-Susitna Borough	Regional Resource Recovery & Training Facility	\$ 1,300,000	65,000	130,000	195,000	260,000	65,000	130,000	195,000	260,000	260,000
Wrangell	Landfill Sweeper	\$ 250,000	12,500	25,000	37,500	50,000	12,500	25,000	37,500	50,000	50,000
Wrangell	Landfill Closure	\$ 647,000	32,350	64,700	97,050	129,400	32,350	64,700	97,050	129,400	129,400
Matanuska-Susitna Borough	Central Landfill Cell 2 Closure	\$ 848,400	42,420	84,840	127,260	169,680	42,420	84,840	127,260	169,680	169,680
Fairbanks North Star Borough	Solid Waste Landfill Partial Closure	\$ 6,000,000	600,000	900,000	1,200,000	300,000	600,000	900,000	1,200,000	900,000	1,200,000
Wasilla	Replacement Vactor Truck	\$ 300,000	600,000	900,000	1,200,000	300,000	600,000	900,000	1,200,000	900,000	1,200,000
Matanuska-Susitna Borough	Point Mackenzie Access Road and Drainage	\$ 2,750,000	30,000	45,000	60,000	15,000	30,000	45,000	60,000	15,000	60,000
Matanuska-Susitna Borough	Cell 3, Ph. II	\$ 550,450	275,000	412,500	550,000	137,500	275,000	412,500	550,000	137,500	550,000
Matanuska-Susitna Borough	Chisana Woods Subdivision Drainage Restore	\$ 3,560,000	55,045	82,568	110,090	27,523	55,045	82,568	110,090	27,523	55,045
Homer	Purchase of New Street Sweeper	\$ 100,000	178,000	356,000	534,000	712,000	178,000	356,000	534,000	712,000	712,000
Matanuska-Susitna Borough	Central Landfill Transfer Site Upgrade	\$ 835,000	10,000	15,000	20,000	5,000	10,000	15,000	20,000	5,000	20,000
Matanuska-Susitna Borough	Big Lake Transfer Site Upgrade	\$ 685,000	83,500	125,250	167,000	41,750	83,500	125,250	167,000	41,750	167,000
King Cove	Landfill Expansion and Upgrades, Ph. II	\$ 585,000				137,000	34,250	68,500	102,750	137,000	137,000
Matanuska-Susitna Borough	Central Landfill Leachate Treatment System	\$ 1,408,000				28,250	84,750	113,000	28,250	56,500	84,750
Matanuska-Susitna Borough	Skwentna Landfill Closure	\$ 148,500	70,400	211,200	281,600	70,400	140,800	211,200	281,600	70,400	211,200
Matanuska-Susitna Borough	Central Landfill Composting Facility	\$ 323,200	7,425	22,275	29,700	7,425	14,850	22,275	29,700	7,425	22,275
Matanuska-Susitna Borough	Salted Sand Storage Building Addition	\$ 950,000				64,640	16,160	32,320	48,480	64,640	64,640

ALASKA CLEAN WATER FUND
Estimated Disbursement Schedule for NonPoint Projects
FFY09 Capitalization Grant Funded & Other Program Funded Projects

		FFY09 3rd Qtr.	FFY09 4th Qtr.	FFY10 1st Qtr.	FFY10 2nd Qtr.	FFY10 3rd Qtr.	FFY10 4th Qtr.	FFY11 1st Qtr.	FFY11 2nd Qtr.
Homer	Bridge Creek Watershed Land Purchase	\$540,000		108,000	27,000	54,000	81,000	108,000	
Fairbanks North Star Borough	South Cushman Landfill Expansion Cell 3 & 4	\$8,000,000		1,600,000	400,000	800,000	1,200,000	1,600,000	
Anchorage	Landfill Equipment Replacement	\$1,169,000		58,450	175,350	58,450	116,900	175,350	233,800
Anchorage	Regional Landfill Cell 7 Partial Closure	\$1,250,000				62,500	125,000	187,500	250,000
Anchorage	Regional Landfill Cell 8 (revised)	\$8,800,000				440,000	880,000	1,320,000	1,760,000
Anchorage	Regional Compost Facility	\$3,950,000				197,500	395,000	592,500	790,000
Juneau	Municipal Solid Waste Materials Recycling	\$6,200,000							
Homer	Storm Water Master Plan	\$340,000	17,000	34,000	51,000	68,000	17,000	34,000	51,000
Palmer	Storm Water Master Plan	\$100,000	5,000	10,000	15,000	20,000	5,000	10,000	15,000
Palmer	Storm Drain for Palmer-Wasilla Hwy Corridor	\$250,000	12,500	25,000	37,500	50,000	12,500	25,000	37,500

APPENDIX VII

ALASKA CLEAN WATER FUND

Federal "Cross-Cutting" Authorities

ALASKA CLEAN WATER FUND
List of Federal "Cross-Cutting" Authorities

Archeological and Historic Preservation Act of 1974, PL 93-291
Clean Air Act, 42 U.S.C. 7506(c)
Clean Water Act, PL 92-500, as amended
Coastal Barrier Resource Act, 16 U.S.C. 3501 et seq.
Coastal Zone Management Act of 1972, PL 92-583, as amended
Endangered Species Act, 16 U.S.C. 1531 et seq.
Protection and Enhancement of the Cultural Environment Executive Order 11593
Floodplain Management, Executive Order 11988
Farmland Protection Policy Act, 7 U.S.C. 4201 et seq.
Fish and Wildlife Preservation Act of 1966, PL 890665, as amended
Wild and Scenic Rivers Act, PL 90-542, as amended
Historic Sites Act of 1935, 16 U.S.C. 461-467
Demonstration Cities and Metropolitan Development Act of 1966, PL 89-754, as amended
Executive Order 11738
Age Discrimination Act, PL 94-135
Civil Rights Act of 1964, PL 88-352
Prohibition Against Sex Discrimination Under the Federal Water
Pollution Control Act, Section 13 of PL 92-500
Equal Employment Opportunity, Executive Order 11246
Women's and Minority Business Enterprise, Executive Order 11625
Women's and Minority Business Enterprise, Executive Order 12138
Women's and Minority Business Enterprise, Executive Order 12432
Rehabilitation Act of 1973, Executive Order 11914
Rehabilitation Act of 1973, Executive Order 11240
Uniform Relocation and Real Property Acquisition Policies Act of 1970, PL 91-646
Debarment and Suspension, Executive Order 12549
Safe Drinking Water Act, Section 1424(e), PL 92-523, as amended
Wetlands, Executive Order 11990
Environmental Justice, Executive Order 12898
Small Businesses in Rural Areas, PL 100-590
Drug Free Workplace, PL 100-690
Anti-lobbying, PL 101-121